

MPR 2X Register table

Measurements

| | | |
|--|---|--|
| | ✓ | is used for available for this version |
| | O | is used for not available for this version |
| | O | is used for optional with I/O module |

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 0 | 162 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|----------|--|------------|-----------|-----------|-----------|-----------|
| 0000 | uint | 2 | V/10 | Voltage L1-N | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0002 | uint | 2 | V/10 | Voltage L2-N | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0004 | uint | 2 | V/10 | Voltage L3-N | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0006 | uint | 2 | V/10 | Voltage L4-N | 0.1 | | | | |
| 0008 | uint | 2 | V/10 | Voltage L1-L2 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 000A | uint | 2 | V/10 | Voltage L2-L3 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 000C | uint | 2 | V/10 | Voltage L3-L1 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 000E | uint | 2 | mA | Current L1 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0010 | uint | 2 | mA | Current L2 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0012 | uint | 2 | mA | Current L3 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0014 | uint | 2 | mA | Current L4 | 0.001 | | | | |
| 0016 | uint | 2 | mA | Neutral Current = IL1+IL2+IL3 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0018 | uint | 2 | Hz / 100 | Measured frequency | 0.01 | ✓ | ✓ | ✓ | ✓ |
| 001A | float | 2 | W | Active power L1-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 001C | float | 2 | W | Active power L2-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 001E | float | 2 | W | Active power L3-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 0020 | float | 2 | W | Active power L4-N | 1 | | | | |
| 0022 | float | 2 | W | Total import active power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0024 | float | 2 | W | Total export active power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0026 | float | 2 | W | Σ Active Power +/- = $\Sigma P = P1+P2+P3$ | 1 | ✓ | ✓ | ✓ | ✓ |
| 0028 | float | 2 | var | Reactive power L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 002A | float | 2 | var | Reactive power L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 002C | float | 2 | var | Reactive power L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 002E | float | 2 | var | Reactive power L4 | 1 | | | | |
| 0030 | float | 2 | var | Quadrant 1 total reactive power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0032 | float | 2 | var | Quadrant 2 total reactive power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0034 | float | 2 | var | Quadrant 3 total reactive power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0036 | float | 2 | var | Quadrant 4 total reactive power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0038 | float | 2 | var | Σ Reactive Power +/- = $\Sigma Q = Q1+Q2+Q3$ | 1 | ✓ | ✓ | ✓ | ✓ |
| 003A | float | 2 | VA | Apparent power L1-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 003C | float | 2 | VA | Apparent power L2-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 003E | float | 2 | VA | Apparent power L3-N | 1 | ✓ | ✓ | ✓ | ✓ |
| 0040 | float | 2 | VA | Apparent power L4-N | 1 | | | | |
| 0042 | float | 2 | VA | Total import Apparent power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0044 | float | 2 | VA | Total export Apparent power | 1 | ✓ | ✓ | ✓ | ✓ |
| 0046 | float | 2 | VA | Σ Apparent Power +/- = $\Sigma S = S1+S2+S3$ | 1 | ✓ | ✓ | ✓ | ✓ |
| 0048 | int | 2 | - | Power Factor L1 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 004A | int | 2 | - | Power Factor L2 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 004C | int | 2 | - | Power Factor L3 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 004E | int | 2 | - | Power Factor L4 | 0.001 | | | | |
| 0050 | int | 2 | - | Σ POWER FACTOR +/- = $\Sigma PF = PFL1+PFL2+PFL3$ | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0052 | int | 2 | - | CosPhi L1 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0054 | int | 2 | - | CosPhi L2 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0056 | int | 2 | - | CosPhi L3 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 0058 | int | 2 | - | CosPhi L4 | 0.001 | | | | |
| 005A | int | 2 | - | Σ Cos Phi = COS L1 + COS L2 + COS L3 | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 005C | int | 2 | - | Rotation field; 1=right, 0=none, -1=left | 1 | ✓ | ✓ | ✓ | ✓ |
| 005E | uint | 2 | % | Voltage Unbalance | 0.1 | | ✓ | ✓ | ✓ |
| 0060 | uint | 2 | % | Current Unbalance | 0.1 | | ✓ | ✓ | ✓ |
| 0062 | uint | 2 | Angle | L1 Phase Voltage Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0064 | uint | 2 | Angle | L2 Phase Voltage Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0066 | uint | 2 | Angle | L3 Phase Voltage Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0068 | uint | 2 | Angle | L4 Phase Voltage Angle | 0.1 | | | | |
| 006A | uint | 2 | Angle | L1 Phase Current Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 006C | uint | 2 | Angle | L2 Phase Current Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 006E | uint | 2 | Angle | L3 Phase Current Angle | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 0070 | uint | 2 | Angle | L4 Phase Current Angle | 0.1 | | | | |
| 0072 | float | 2 | - | Analog Input 1 | 1 | | | | |
| 0074 | float | 2 | - | Analog Input 2 | 1 | | | | |
| 0076 | float | 2 | - | Analog Input 3 | 1 | | | | |
| 0078 | float | 2 | - | Analog Input 4 | 1 | | | | |
| 007A | float | 2 | - | Analog Input 5 | 1 | | | | |
| 007C | float | 2 | - | Analog Input 6 | 1 | | | | |
| 007E | float | 2 | - | Analog Input 7 | 1 | | | | |
| 0080 | float | 2 | - | Analog Input 8 | 1 | | | | |
| 0082 | float | 2 | - | Analog Output 1 | 1 | | | | |
| 0084 | float | 2 | - | Analog Output 2 | 1 | | | | |
| 0086 | float | 2 | - | Analog Output 3 | 1 | | | | |
| 0088 | float | 2 | - | Analog Output 4 | 1 | | | | |
| 008A | float | 2 | °C | Temperature Input 1 | 1 | | | | ✓ |
| 008C | float | 2 | °C | Temperature Input 2 | 1 | | | | |
| 008E | float | 2 | °C | Temperature Input 3 | 1 | | | | |
| 0090 | float | 2 | °C | Temperature Input 4 | 1 | | | | |
| 0092 | float | 2 | - | Temperature Input 5 | 1 | | | | |
| 0094 | float | 2 | - | Temperature Input 6 | 1 | | | | |
| 0096 | float | 2 | - | Temperature Input 7 | 1 | | | | |
| 0098 | float | 2 | - | Temperature Input 8 | 1 | | | | |
| 009A | uint | 2 | h/1000 | Hour Meter (Non Resetable) | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 009C | uint | 2 | h/1000 | Working Hour Counter | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 009E | uint | 2 | - | Input Status | 1 | ✓ | ✓ | ✓ | ✓ |
| 00A0 | unit | 2 | - | Output Status | 1 | ✓ | ✓ | ✓ | ✓ |

Energy

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 200 | 178 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|--|------------|-----------|-----------|-----------|-----------|
| 00C8 | Ulong | 4 | Wh | Consumed Active Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00CC | Ulong | 4 | Wh | Consumed Active Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00D0 | Ulong | 4 | Wh | Consumed Active Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00D4 | Ulong | 4 | Wh | Consumed Active Energy L4 | 1 | | | | |
| 00D8 | Ulong | 4 | Wh | Total Consumed Energy L1..L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00DC | Ulong | 4 | Wh | Delivered Active Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00E0 | Ulong | 4 | Wh | Delivered Active Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00E4 | Ulong | 4 | Wh | Delivered Active Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00E8 | Ulong | 4 | Wh | Delivered Active Energy L4 | 1 | | | | |
| 00EC | Ulong | 4 | Wh | Total Delivered Energy L1..L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00F0 | Ulong | 4 | VAh | Consumed Apparent energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00F4 | Ulong | 4 | VAh | Consumed Apparent energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00F8 | Ulong | 4 | VAh | Consumed Apparent energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 00FC | Ulong | 4 | VAh | Consumed Apparent energy L4 | 1 | | | | |
| 0100 | Ulong | 4 | VAh | Total Consumed Apparent Energy L1..L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0104 | Ulong | 4 | VAh | Delivered Apparent Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0108 | Ulong | 4 | VAh | Delivered Apparent Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 010C | Ulong | 4 | VAh | Delivered Apparent Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0110 | Ulong | 4 | VAh | Delivered Apparent Energy L4 | 1 | | | | |
| 0114 | Ulong | 4 | VAh | Total Delivered Apparent energy L1..L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0118 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 011C | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0120 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-----|------|-------|---|------|----------------------------------|---|---|---|---|---|
| 292 | 0124 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L4 | 1 | | | | |
| 296 | 0128 | Ulong | 4 | Varh | Quadrant 1 total reactive Energy | 1 | ✓ | ✓ | ✓ | ✓ |
| 300 | 012C | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 304 | 0130 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 308 | 0134 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 312 | 0138 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L4 | 1 | | | | |
| 316 | 013C | Ulong | 4 | Varh | Quadrant 2 total reactive Energy | 1 | ✓ | ✓ | ✓ | ✓ |
| 320 | 0140 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 324 | 0144 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 328 | 0148 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 332 | 014C | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L4 | 1 | | | | |
| 336 | 0150 | Ulong | 4 | Varh | Quadrant 3 total reactive Energy | 1 | ✓ | ✓ | ✓ | ✓ |
| 340 | 0154 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 344 | 0158 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 348 | 015C | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 352 | 0160 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L4 | 1 | | | | |
| 356 | 0164 | Ulong | 4 | Varh | Quadrant 4 total reactive Energy | 1 | ✓ | ✓ | ✓ | ✓ |
| 360 | 0168 | uint | 2 | - | Number Of pulse Meter (Max 8) | 1 | ✓ | ✓ | ✓ | ✓ |
| 362 | 016A | uint | 2 | - | Total pulse meter input 1 | 1 | ✓ | ✓ | ✓ | ✓ |
| 364 | 016C | uint | 2 | - | Total pulse meter input 2 | 1 | ✓ | ✓ | ✓ | ✓ |
| 366 | 016E | uint | 2 | - | Total pulse meter input 3 | 1 | | | | |
| 368 | 0170 | uint | 2 | - | Total pulse meter input 4 | 1 | | | | |
| 370 | 0172 | uint | 2 | - | Total pulse meter input 5 | 1 | | | | |
| 372 | 0174 | uint | 2 | - | Total pulse meter input 6 | 1 | | | | |
| 374 | 0176 | uint | 2 | - | Total pulse meter input 7 | 1 | | | | |
| 376 | 0178 | uint | 2 | - | Total pulse meter input 8 | 1 | | | | |

Energy

| Supported Functions | Start Address | Register Counts |
|-----------------------|---------------|-----------------|
| Write single register | 1500 | 160 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--|-----------|-----------|-----------|-----------|
| 1500 | 05DC | Ulong | 4 | Wh | Consumed Active Energy L1 | 1 | | | |
| 1504 | 05E0 | Ulong | 4 | Wh | Consumed Active Energy L2 | 1 | | | |
| 1508 | 05E4 | Ulong | 4 | Wh | Consumed Active Energy L3 | 1 | | | |
| 1512 | 05E8 | Ulong | 4 | Wh | Consumed Active Energy L4 | 1 | | | |
| 1516 | 05EC | Ulong | 4 | Wh | Total Consumed Energy L1..L3 | 1 | | | |
| 1520 | 05F0 | Ulong | 4 | Wh | Delivered Active Energy L1 | 1 | | | |
| 1524 | 05F4 | Ulong | 4 | Wh | Delivered Active Energy L2 | 1 | | | |
| 1528 | 05F8 | Ulong | 4 | Wh | Delivered Active Energy L3 | 1 | | | |
| 1532 | 05FC | Ulong | 4 | Wh | Delivered Active Energy L4 | 1 | | | |
| 1536 | 0600 | Ulong | 4 | Wh | Total Delivered Energy L1..L3 | 1 | | | |
| 1540 | 0604 | Ulong | 4 | VAh | Consumed Apparent energy L1 | 1 | | | |
| 1544 | 0608 | Ulong | 4 | VAh | Consumed Apparent energy L2 | 1 | | | |
| 1548 | 060C | Ulong | 4 | VAh | Consumed Apparent energy L3 | 1 | | | |
| 1552 | 0610 | Ulong | 4 | VAh | Consumed Apparent energy L4 | 1 | | | |
| 1556 | 0614 | Ulong | 4 | VAh | Total Consumed Apparent Energy L1..L3 | 1 | | | |
| 1560 | 0618 | Ulong | 4 | VAh | Delivered Apparent Energy L1 | 1 | | | |
| 1564 | 061C | Ulong | 4 | VAh | Delivered Apparent Energy L2 | 1 | | | |
| 1568 | 0620 | Ulong | 4 | VAh | Delivered Apparent Energy L3 | 1 | | | |
| 1572 | 0624 | Ulong | 4 | VAh | Delivered Apparent Energy L4 | 1 | | | |
| 1576 | 0628 | Ulong | 4 | VAh | Total Delivered Apparent energy L1..L3 | 1 | | | |
| 1580 | 062C | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L1 | 1 | | | |
| 1584 | 0630 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L2 | 1 | | | |
| 1588 | 0634 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L3 | 1 | | | |
| 1592 | 0638 | Ulong | 4 | Varh | Quadrant 1 Reactive Energy L4 | 1 | | | |
| 1596 | 063C | Ulong | 4 | Varh | Quadrant 1 total reactive Energy | 1 | | | |
| 1600 | 0640 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L1 | 1 | | | |
| 1604 | 0644 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L2 | 1 | | | |
| 1608 | 0648 | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L3 | 1 | | | |
| 1612 | 064C | Ulong | 4 | Varh | Quadrant 2 Reactive Energy L4 | 1 | | | |
| 1616 | 0650 | Ulong | 4 | Varh | Quadrant 2 total reactive Energy | 1 | | | |
| 1620 | 0654 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L1 | 1 | | | |
| 1624 | 0658 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L2 | 1 | | | |
| 1628 | 065C | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L3 | 1 | | | |
| 1632 | 0660 | Ulong | 4 | Varh | Quadrant 3 Reactive Energy L4 | 1 | | | |
| 1636 | 0664 | Ulong | 4 | Varh | Quadrant 3 total reactive Energy | 1 | | | |
| 1640 | 0668 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L1 | 1 | | | |
| 1644 | 066C | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L2 | 1 | | | |
| 1648 | 0670 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L3 | 1 | | | |
| 1652 | 0674 | Ulong | 4 | Varh | Quadrant 4 Reactive Energy L4 | 1 | | | |
| 1656 | 0678 | Ulong | 4 | Varh | Quadrant 4 total reactive Energy | 1 | | | |

Energy per tariff

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 500 | 42 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|----------------------------------|-----------|-----------|-----------|-----------|
| 500 | 01F4 | ushort | 1 | - | Number Of Tariff | 1 | ✓ | ✓ | ✓ |
| 501 | 01F5 | ushort | 1 | - | Tariff Number In Progress | 1 | ✓ | ✓ | ✓ |
| 502 | 01F6 | ulong | 4 | kWh | Positive Active Energies Tariff1 | 1 | ✓ | ✓ | ✓ |
| 506 | 01FA | ulong | 4 | kWh | Positive Active Energies Tariff2 | 1 | ✓ | ✓ | ✓ |
| 510 | 01FE | ulong | 4 | kWh | Positive Active Energies Tariff3 | 1 | ✓ | ✓ | ✓ |
| 514 | 0202 | ulong | 4 | kWh | Positive Active Energies Tariff4 | 1 | ✓ | ✓ | ✓ |
| 518 | 0206 | ulong | 4 | kWh | Positive Active Energies Tariff5 | 1 | ✓ | ✓ | ✓ |
| 522 | 020A | ulong | 4 | kWh | Positive Active Energies Tariff6 | 1 | ✓ | ✓ | ✓ |
| 526 | 020E | ulong | 4 | kWh | Positive Active Energies Tariff7 | 1 | ✓ | ✓ | ✓ |
| 530 | 0212 | ulong | 4 | kWh | Positive Active Energies Tariff8 | 1 | ✓ | ✓ | ✓ |
| 534 | 0216 | ulong | 4 | kWh | Generator Energies | 1 | ✓ | ✓ | ✓ |
| 538 | 021A | ulong | 4 | kWh | Total tariff energies | 1 | ✓ | ✓ | ✓ |

Min-Max, Max Demand, Demand Measurement

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 800 | 568 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|---------------------------|-----------------|-----------|-----------|-----------|
| 800 | 0320 | uint | 2 | V/10 | L1 Phase Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 802 | 0322 | uint | 2 | Time | L1 Phase Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 804 | 0324 | uint | 2 | V/10 | L2 Phase Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 806 | 0326 | uint | 2 | Time | L2 Phase Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 808 | 0328 | uint | 2 | V/10 | L3 Phase Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 810 | 032A | uint | 2 | Time | L3 Phase Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 812 | 032C | uint | 2 | V/10 | L4 Phase Max Voltage | 0.1 | | | |
| 814 | 032E | uint | 2 | Time | L4 Phase Max Voltage Time | Unix Time Stamp | | | |
| 816 | 0330 | uint | 2 | V/10 | L1-L2 Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 818 | 0332 | uint | 2 | Time | L1-L2 Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 820 | 0334 | uint | 2 | V/10 | L2-L3 Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 822 | 0336 | uint | 2 | Time | L2-L3 Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 824 | 0338 | uint | 2 | V/10 | L3-L1 Max Voltage | 0.1 | ✓ | ✓ | ✓ |
| 826 | 033A | uint | 2 | Time | L3-L1 Max Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 828 | 033C | uint | 2 | A/10 | L1 Phase Max Current | 0.001 | ✓ | ✓ | ✓ |
| 830 | 033E | uint | 2 | Time | L1 Phase Max Current Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 832 | 0340 | uint | 2 | A/10 | L2 Phase Max Current | 0.001 | ✓ | ✓ | ✓ |
| 834 | 0342 | uint | 2 | Time | L2 Phase Max Current Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 836 | 0344 | uint | 2 | A/10 | L3 Phase Max Current | 0.001 | ✓ | ✓ | ✓ |
| 838 | 0346 | uint | 2 | Time | L3 Phase Max Current Time | Unix Time Stamp | ✓ | ✓ | ✓ |
| 840 | 0348 | uint | 2 | A/10 | L4 Phase Max Current | 0.001 | | | |

| | | | | | | | | | | |
|------|------|-------|---|--------|--|-----------------|---|---|---|---|
| 842 | 034A | uint | 2 | Time | L4 Phase Max Current Time | Unix Time Stamp | | | | |
| 844 | 034C | uint | 2 | A/10 | IN Max Current | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 846 | 034E | uint | 2 | Time | IN Max Current Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 848 | 0350 | float | 2 | W/10 | L1 Phase Max Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 850 | 0352 | uint | 2 | Time | L1 Phase Max Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 852 | 0354 | float | 2 | W/10 | L2 Phase Max Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 854 | 0356 | uint | 2 | Time | L2 Phase Max Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 856 | 0358 | float | 2 | W/10 | L3 Phase Max Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 858 | 035A | uint | 2 | Time | L3 Phase Max Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 860 | 035C | float | 2 | W/10 | L4 Phase Max Active Power | 1 | | | | |
| 862 | 035E | uint | 2 | Time | L4 Phase Max Active Power Time | Unix Time Stamp | | | | |
| 864 | 0360 | float | 2 | W/10 | Max Total Import Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 866 | 0362 | uint | 2 | Time | Max Total Import Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 868 | 0364 | float | 2 | W/10 | Max Total Export Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 870 | 0366 | uint | 2 | Time | Max Total Export Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 872 | 0368 | float | 2 | W/10 | Max Total Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 874 | 036A | uint | 2 | Time | Max Total Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 876 | 036C | float | 2 | Var/10 | L1 Phase Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 878 | 036E | uint | 2 | Time | L1 Phase Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 880 | 0370 | float | 2 | Var/10 | L2 Phase Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 882 | 0372 | uint | 2 | Time | L2 Phase Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 884 | 0374 | float | 2 | Var/10 | L3 Phase Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 886 | 0376 | uint | 2 | Time | L3 Phase Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 888 | 0378 | float | 2 | Var/10 | L4 Phase Max Reactive Power | 1 | | | | |
| 890 | 037A | uint | 2 | Time | L4 Phase Max Reactive Power Time | Unix Time Stamp | | | | |
| 892 | 037C | float | 2 | Var/10 | Quadrant 1 Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 894 | 037E | uint | 2 | Time | Quadrant 1 Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 896 | 0380 | float | 2 | Var/10 | Quadrant 2 Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 898 | 0382 | uint | 2 | Time | Quadrant 2 Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 900 | 0384 | float | 2 | Var/10 | Quadrant 3 Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 902 | 0386 | uint | 2 | Time | Quadrant 3 Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 904 | 0388 | float | 2 | Var/10 | Quadrant 4 Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 906 | 038A | uint | 2 | Time | Quadrant 4 Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 908 | 038C | float | 2 | Var/10 | Quadrant Total Max Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 910 | 038E | uint | 2 | Time | Quadrant Total Max Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 912 | 0390 | float | 2 | VA/10 | L1 Phase Max Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 914 | 0392 | uint | 2 | Time | L1 Phase Max Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 916 | 0394 | float | 2 | VA/10 | L2 Phase Max Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 918 | 0396 | uint | 2 | Time | L2 Phase Max Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 920 | 0398 | float | 2 | VA/10 | L3 Phase Max Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 922 | 039A | uint | 2 | Time | L3 Phase Max Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 924 | 039C | float | 2 | VA/10 | L4 Phase Max Apparent Power | 1 | | | | |
| 926 | 039E | uint | 2 | Time | L4 Phase Max Apparent Power Time | Unix Time Stamp | | | | |
| 928 | 03A0 | float | 2 | VA/10 | Max Total Import Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 930 | 03A2 | uint | 2 | Time | Max Total Import Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 932 | 03A4 | float | 2 | VA/10 | Max Total Export Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 934 | 03A6 | uint | 2 | Time | Max Total Export Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 936 | 03A8 | float | 2 | VA/10 | Max Total Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 938 | 03AA | uint | 2 | Time | Max Total Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 940 | 03AC | uint | 2 | F/10 | Max System Frequency | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 942 | 03AE | uint | 2 | Time | Max System Frequency Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 944 | 03B0 | uint | 2 | % | L1 Phase Max. Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 946 | 03B2 | uint | 2 | Time | L1 Phase Max. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 948 | 03B4 | uint | 2 | % | L2 Phase Max Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 950 | 03B6 | uint | 2 | Time | L2 Phase Max. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 952 | 03B8 | uint | 2 | % | L3 Phase Max. Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 954 | 03BA | uint | 2 | Time | L3 Phase Max. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 956 | 03BC | uint | 2 | % | L4 Phase Max. Voltage THD | 0.1 | | | | |
| 958 | 03BE | uint | 2 | Time | L4 Phase Max. Voltage THD Time | Unix Time Stamp | | | | |
| 960 | 03C0 | uint | 2 | % | L1-L2 Max Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 962 | 03C2 | uint | 2 | Time | L1-L2 Max Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 964 | 03C4 | uint | 2 | % | L2-L3 Max Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 966 | 03C6 | uint | 2 | Time | L2-L3 Max Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 968 | 03C8 | uint | 2 | % | L3-L1 Max Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 970 | 03CA | uint | 2 | Time | L3-L1 Max Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 972 | 03CC | uint | 2 | % | L1 Phase Max Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 974 | 03CE | uint | 2 | Time | L1 Phase Max Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 976 | 03D0 | uint | 2 | % | L2 Phase Max Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 978 | 03D2 | uint | 2 | Time | L2 Phase Max Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 980 | 03D4 | uint | 2 | % | L3 Phase Max Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 982 | 03D6 | uint | 2 | Time | L3 Phase Max Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 984 | 03D8 | uint | 2 | % | L4 Phase Max Current THD | 0.1 | | | | |
| 986 | 03DA | uint | 2 | Time | L4 Phase Max Current THD Time | Unix Time Stamp | | | | |
| 988 | 03DC | uint | 2 | V/10 | L1 Phase Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 990 | 03DE | uint | 2 | Time | L1 Phase Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 992 | 03E0 | uint | 2 | V/10 | L2 Phase Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 994 | 03E2 | uint | 2 | Time | L2 Phase Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 996 | 03E4 | uint | 2 | V/10 | L3 Phase Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 998 | 03E6 | uint | 2 | Time | L3 Phase Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1000 | 03E8 | uint | 2 | V/10 | L4 Phase Min Voltage | 0.1 | | | | |
| 1002 | 03EA | uint | 2 | Time | L4 Phase Min Voltage Time | Unix Time Stamp | | | | |
| 1004 | 03EC | uint | 2 | V/10 | L1-L2 Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1006 | 03EE | uint | 2 | Time | L1-L2 Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1008 | 03F0 | uint | 2 | V/10 | L2-L3 Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1010 | 03F2 | uint | 2 | Time | L2-L3 Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1012 | 03F4 | uint | 2 | V/10 | L3-L1 Min Voltage | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1014 | 03F6 | uint | 2 | Time | L3-L1 Min Voltage Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1016 | 03F8 | uint | 2 | A/10 | L1 Phase Min Current | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1018 | 03FA | uint | 2 | Time | L1 Phase Min Current Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1020 | 03FC | uint | 2 | A/10 | L2 Phase Min Current | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1022 | 03FE | uint | 2 | Time | L2 Phase Min Current Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1024 | 0400 | uint | 2 | A/10 | L3 Phase Min Current | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1026 | 0402 | uint | 2 | Time | L3 Phase Min Current Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1028 | 0404 | uint | 2 | A/10 | L4 Phase Min Current | 0.001 | | | | |
| 1030 | 0406 | uint | 2 | Time | L4 Phase Min Current Time | Unix Time Stamp | | | | |
| 1032 | 0408 | uint | 2 | A/10 | IN Min Current | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1034 | 040A | uint | 2 | Time | IN Min Current Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1036 | 040C | float | 2 | W/10 | L1 Phase Min Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1038 | 040E | uint | 2 | Time | L1 Phase Min Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1040 | 0410 | float | 2 | W/10 | L2 Phase Min Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1042 | 0412 | uint | 2 | Time | L2 Phase Min Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1044 | 0414 | float | 2 | W/10 | L3 Phase Min Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1046 | 0416 | uint | 2 | Time | L3 Phase Min Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1048 | 0418 | float | 2 | W/10 | L4 Phase Min Active Power | 1 | | | | |
| 1050 | 041A | uint | 2 | Time | L4 Phase Min Active Power Time | Unix Time Stamp | | | | |
| 1052 | 041C | float | 2 | W/10 | Min Total Import Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1054 | 041E | uint | 2 | Time | Min Total Import Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1056 | 0420 | float | 2 | W/10 | Min Total Export Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1058 | 0422 | uint | 2 | Time | Min Total Export Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1060 | 0424 | float | 2 | W/10 | Min Total Active Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1062 | 0426 | uint | 2 | Time | Min Total Active Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1064 | 0428 | float | 2 | Var/10 | L1 Phase Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1066 | 042A | uint | 2 | Time | L1 Phase Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1068 | 042C | float | 2 | Var/10 | L2 Phase Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1070 | 042E | uint | 2 | Time | L2 Phase Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1072 | 0430 | float | 2 | Var/10 | L3 Phase Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1074 | 0432 | uint | 2 | Time | L3 Phase Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1076 | 0434 | float | 2 | Var/10 | L4 Phase Min Reactive Power | 1 | | | | |
| 1078 | 0436 | uint | 2 | Time | L4 Phase Min Reactive Power Time | Unix Time Stamp | | | | |
| 1080 | 0438 | float | 2 | Var/10 | Quadrant 1 Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|------|------|-------|---|--------|---|-----------------|---|---|---|---|
| 1082 | 043A | uint | 2 | Time | Quadrant 1 Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1084 | 043C | float | 2 | Var/10 | Quadrant 2 Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1086 | 043E | uint | 2 | Time | Quadrant 2 Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1088 | 0440 | float | 2 | Var/10 | Quadrant 3 Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1090 | 0442 | uint | 2 | Time | Quadrant 3 Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1092 | 0444 | float | 2 | Var/10 | Quadrant 4 Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1094 | 0446 | uint | 2 | Time | Quadrant 4 Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1096 | 0448 | float | 2 | Var/10 | Quadrant Total Min Reactive Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1098 | 044A | uint | 2 | Time | Quadrant Total Min Reactive Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1100 | 044C | float | 2 | VA/10 | L1 Phase Min Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1102 | 044E | uint | 2 | Time | L1 Phase Min Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1104 | 0450 | float | 2 | VA/10 | L2 Phase Min Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1106 | 0452 | uint | 2 | Time | L2 Phase Min Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1108 | 0454 | float | 2 | VA/10 | L3 Phase Min Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1110 | 0456 | uint | 2 | Time | L3 Phase Min Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1112 | 0458 | float | 2 | VA/10 | L4 Phase Min Apparent Power | 1 | | | | |
| 1114 | 045A | uint | 2 | Time | L4 Phase Min Apparent Power Time | Unix Time Stamp | | | | |
| 1116 | 045C | float | 2 | VA/10 | Min Total Import Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1118 | 045E | uint | 2 | Time | Min Total Import Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1120 | 0460 | float | 2 | VA/10 | Min Total Export Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1122 | 0462 | uint | 2 | Time | Min Total Export Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1124 | 0464 | float | 2 | VA/10 | Min Total Apparent Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1126 | 0466 | uint | 2 | Time | Min Total Apparent Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1128 | 0468 | uint | 2 | F/10 | Min System Frequency | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1130 | 046A | uint | 2 | Time | Min System Frequency Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1132 | 046C | uint | 2 | % | L1 Phase Min. Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1134 | 046E | uint | 2 | Time | L1 Phase Min. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1136 | 0470 | uint | 2 | % | L2 Phase Min Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1138 | 0472 | uint | 2 | Time | L2 Phase Min. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1140 | 0474 | uint | 2 | % | L3 Phase Min. Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1142 | 0476 | uint | 2 | Time | L3 Phase Min. Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1144 | 0478 | uint | 2 | % | L4 Phase Min. Voltage THD | 0.1 | | | | |
| 1146 | 047A | uint | 2 | Time | L4 Phase Min. Voltage THD Time | Unix Time Stamp | | | | |
| 1148 | 047C | uint | 2 | % | L1-L2 Min Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1150 | 047E | uint | 2 | Time | L1-L2 Min Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1152 | 0480 | uint | 2 | % | L2-L3 Min Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1154 | 0482 | uint | 2 | Time | L2-L3 Min Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1156 | 0484 | uint | 2 | % | L3-L1 Min Voltage THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1158 | 0486 | uint | 2 | Time | L3-L1 Min Voltage THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1160 | 0488 | uint | 2 | % | L1 Phase Min Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1162 | 048A | uint | 2 | Time | L1 Phase Min Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1164 | 048C | uint | 2 | % | L2 Phase Min Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1166 | 048E | uint | 2 | Time | L2 Phase Min Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1168 | 0490 | uint | 2 | % | L3 Phase Min Current THD | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 1170 | 0492 | uint | 2 | Time | L3 Phase Min Current THD Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1172 | 0494 | uint | 2 | % | L4 Phase Min Current THD | 0.1 | | | | |
| 1174 | 0496 | uint | 2 | Time | L4 Phase Min Current THD Time | Unix Time Stamp | | | | |
| 1176 | 0498 | uint | 2 | mA | L1 Phase Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1178 | 049A | uint | 2 | mA | L2 Phase Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1180 | 049C | uint | 2 | mA | L3 Phase Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1182 | 049E | uint | 2 | mA | L4 Phase Current Demand | 0.001 | | | | |
| 1184 | 04A0 | uint | 2 | mA | IN Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1186 | 04A2 | float | 2 | W/10 | L1 Phase Active Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1188 | 04A4 | float | 2 | W/10 | L2 Phase Active Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1190 | 04A6 | float | 2 | W/10 | L3 Phase Active Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1192 | 04A8 | float | 2 | W/10 | L4 Phase Active Power Demand | 1 | | | | |
| 1194 | 04AA | float | 2 | W/10 | Total Import Active Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1196 | 04AC | float | 2 | W/10 | Total Export Active Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1198 | 04AE | float | 2 | W/10 | Total Active Power Demand | 1 | | | | |
| 1200 | 04B0 | float | 2 | Var/10 | L1 Phase Reactive Power Demand | 1 | | | | |
| 1202 | 04B2 | float | 2 | Var/10 | L2 Phase Reactive Power Demand | 1 | | | | |
| 1204 | 04B4 | float | 2 | Var/10 | L3 Phase Reactive Power Demand | 1 | | | | |
| 1206 | 04B6 | float | 2 | Var/10 | L4 Phase Reactive Power Demand | 1 | | | | |
| 1208 | 04B8 | float | 2 | Var/10 | Quadrant 1 Total Reactive Powe Demand | 1 | | | | |
| 1210 | 04BA | float | 2 | Var/10 | Quadrant 2 Total Reactive Powe Demand | 1 | | | | |
| 1212 | 04BC | float | 2 | Var/10 | Quadrant 3 Total Reactive Powe Demand | 1 | | | | |
| 1214 | 04BE | float | 2 | Var/10 | Quadrant 4 Total Reactive Powe Demand | 1 | | | | |
| 1216 | 04C0 | float | 2 | Var/10 | Total Reactive Power Demand | 1 | | | | |
| 1218 | 04C2 | float | 2 | VA/10 | L1 Phase Apparent Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1220 | 04C4 | float | 2 | VA/10 | L2 Phase Apparent Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1222 | 04C6 | float | 2 | VA/10 | L3 Phase Apparent Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1224 | 04C8 | float | 2 | VA/10 | L4 Phase Apparent Power Demand | 1 | | | | |
| 1226 | 04CA | float | 2 | VA/10 | Total Import Apparent Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1228 | 04CC | float | 2 | VA/10 | Total Export Apparent Power Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1230 | 04CE | float | 2 | VA/10 | Total Apparent Power Demand | 1 | | | | |
| 1232 | 04D0 | uint | 2 | mA | L1 Phase Max. Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1234 | 04D2 | uint | 2 | Time | L1 Phase Max. Current Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1236 | 04D4 | uint | 2 | mA | L2 Phase Max. Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1238 | 04D6 | uint | 2 | Time | L2 Phase Max. Current Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1240 | 04D8 | uint | 2 | mA | L3 Phase Max. Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1242 | 04DA | uint | 2 | Time | L3 Phase Max. Current Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1244 | 04DC | uint | 2 | mA | L4 Phase Max. Current Demand | 0.001 | | | | |
| 1246 | 04DE | uint | 2 | Time | L4 Phase Max. Current Demand Time | Unix Time Stamp | | | | |
| 1248 | 04E0 | uint | 2 | mA | IN Max. Current Demand | 0.001 | ✓ | ✓ | ✓ | ✓ |
| 1250 | 04E2 | uint | 2 | Time | IN Phase Max. Current Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1252 | 04E4 | float | 2 | W/10 | PL1 Max Active Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1254 | 04E6 | uint | 2 | Time | PL1 Max Active Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1256 | 04E8 | float | 2 | W/10 | PL1 Max Active Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1258 | 04EA | uint | 2 | Time | PL1 Max Active Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1260 | 04EC | float | 2 | W/10 | PL2 Max Active Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1262 | 04EE | uint | 2 | Time | PL2 Max Active Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1264 | 04F0 | float | 2 | W/10 | PL2 Max Active Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1266 | 04F2 | uint | 2 | Time | PL2 Max Active Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1268 | 04F4 | float | 2 | W/10 | PL3 Max Active Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1270 | 04F6 | uint | 2 | Time | PL3 Max Active Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1272 | 04F8 | float | 2 | W/10 | PL3 Max Active Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1274 | 04FA | uint | 2 | Time | PL3 Max Active Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1276 | 04FC | float | 2 | W/10 | PL4 Max Active Import Power | 1 | | | | |
| 1278 | 04FE | uint | 2 | Time | PL4 Max Active Import Power Time | Unix Time Stamp | | | | |
| 1280 | 0500 | float | 2 | W/10 | PL4 Max Active Export Power | 1 | | | | |
| 1282 | 0502 | uint | 2 | Time | PL4 Max Active Export Power Time | Unix Time Stamp | | | | |
| 1284 | 0504 | float | 2 | W/10 | Total Active Power Import Max Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1286 | 0506 | uint | 2 | Time | Total Active Power Import Max Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1288 | 0508 | float | 2 | W/10 | Total Active Power Export Max Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1290 | 050A | uint | 2 | Time | Total Active Power Export Max Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1292 | 050C | float | 2 | Var/10 | L1 Phase Max Demand Reactive Power | 1 | | | | |
| 1294 | 050E | uint | 2 | Time | L1 Phase Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1296 | 0510 | float | 2 | Var/10 | L2 Phase Max Demand Reactive Power | 1 | | | | |
| 1298 | 0512 | uint | 2 | Time | L2 Phase Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1300 | 0514 | float | 2 | Var/10 | L3 Phase Max Demand Reactive Power | 1 | | | | |
| 1302 | 0516 | uint | 2 | Time | L3 Phase Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1304 | 0518 | float | 2 | Var/10 | L4 Phase Max Demand Reactive Power | 1 | | | | |
| 1306 | 051A | uint | 2 | Time | L4 Phase Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1308 | 051C | float | 2 | Var/10 | Quadrant 1 Max Demand Reactive Power | 1 | | | | |
| 1310 | 051E | uint | 2 | Time | Quadrant 1 Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1312 | 0520 | float | 2 | Var/10 | Quadrant 2 Max Demand Reactive Power | 1 | | | | |
| 1314 | 0522 | uint | 2 | Time | Quadrant 2 Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1316 | 0524 | float | 2 | Var/10 | Quadrant 3 Max Demand Reactive Power | 1 | | | | |
| 1318 | 0526 | uint | 2 | Time | Quadrant 3 Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1320 | 0528 | float | 2 | Var/10 | Quadrant 4 Max Demand Reactive Power | 1 | | | | |

| | | | | | | | | | | |
|------|------|-------|---|--------|---|-----------------|---|---|---|---|
| 1322 | 052A | uint | 2 | Time | Quadrant 4 Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1324 | 052C | float | 2 | Var/10 | Quadrant Total Max Demand Reactive Power | 1 | | | | |
| 1326 | 052E | uint | 2 | Time | Quadrant Total Max Demand Reactive Power Time | Unix Time Stamp | | | | |
| 1328 | 0530 | float | 2 | W/10 | SL1 Max Demand Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1330 | 0532 | float | 2 | Time | SL1 Max Demand Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1332 | 0534 | float | 2 | W/10 | SL1 Max Demand Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1334 | 0536 | uint | 2 | Time | SL1 Max Demand Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1336 | 0538 | float | 2 | W/10 | SL2 Max Demand Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1338 | 053A | uint | 2 | Time | SL2 Max Demand Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1340 | 053C | float | 2 | W/10 | SL2 Max Demand Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1342 | 053E | uint | 2 | Time | SL2 Max Demand Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1344 | 0540 | float | 2 | W/10 | SL3 Max Demand Import Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1346 | 0542 | uint | 2 | Time | SL3 Max Demand Import Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1348 | 0544 | float | 2 | W/10 | SL3 Max Demand Export Power | 1 | ✓ | ✓ | ✓ | ✓ |
| 1350 | 0546 | uint | 2 | Time | SL3 Max Demand Export Power Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1352 | 0548 | float | 2 | W/10 | SL4 Max Demand Import Power | 1 | | | | |
| 1354 | 054A | uint | 2 | Time | SL4 Max Demand Import Power Time | Unix Time Stamp | | | | |
| 1356 | 054C | float | 2 | W/10 | SL4 Max Demand Export Power | 1 | | | | |
| 1358 | 054E | uint | 2 | Time | SL4 Max Demand Export Power Time | Unix Time Stamp | | | | |
| 1360 | 0550 | float | 2 | VA/10 | Total Apparent Power Max Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1362 | 0552 | uint | 2 | Time | Total Apparent Power Max Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |
| 1364 | 0554 | float | 2 | VA/10 | Total Apparent Power Max Demand | 1 | ✓ | ✓ | ✓ | ✓ |
| 1366 | 0556 | uint | 2 | Time | Total Apparent Power Max Demand Time | Unix Time Stamp | ✓ | ✓ | ✓ | ✓ |

Harmonics

THD

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 2000 | 24 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|---------|--------------------------------|-----------|-----------|-----------|-----------|---|
| 2000 | 07D0 | uint | 2 | % | Total Harmoic Distorsion VLL12 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2002 | 07D2 | uint | 2 | % | Total Harmoic Distorsion VLL23 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2004 | 07D4 | uint | 2 | % | Total Harmoic Distorsion VLL31 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2006 | 07D6 | uint | 2 | % | Total Harmonic Distorsion VL1 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2008 | 07D8 | uint | 2 | % | Total Harmonic Distorsion VL2 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2010 | 07DA | uint | 2 | % | Total Harmonic Distorsion VL3 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2012 | 07DC | uint | 2 | % | Total Harmonic Distorsion VL4 | 0.1 | | | | |
| 2014 | 07DE | uint | 2 | % | Total Harmonic Distorsion IL1 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2016 | 07E0 | uint | 2 | % | Total Harmonic Distorsion IL2 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2018 | 07E2 | uint | 2 | % | Total Harmonic Distorsion IL3 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 2020 | 07E4 | uint | 2 | % | Total Harmonic Distorsion IL4 | 0.1 | | | | |
| 2022 | 07E6 | uint | 2 | % | Total Harmonic Distorsion IN | 0.1 | ✓ | ✓ | ✓ | ✓ |

Individual Current Harmonic Order

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 3000 | 251 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|---------|---------------------|-----------|-----------|-----------|-----------|---|
| 3000 | 0BB8 | ushort | 1 | % | Number Of Harmonics | 0.1 | | ✓ | ✓ | ✓ |
| 3001 | 0BB9 | ushort | 1 | % | H_IL1_2 | 0.1 | | ✓ | ✓ | ✓ |
| 3002 | 0BBA | ushort | 1 | % | H_IL2_2 | 0.1 | | ✓ | ✓ | ✓ |
| 3003 | 0BBB | ushort | 1 | % | H_IL3_2 | 0.1 | | ✓ | ✓ | ✓ |
| 3004 | 0BBC | ushort | 1 | % | H_IL4_2 | 0.1 | | | | |
| 3005 | 0BBD | ushort | 1 | % | H_ILN_2 | 0.1 | | ✓ | ✓ | ✓ |
| 3006 | 0BBE | ushort | 1 | % | H_IL1_3 | 0.1 | | ✓ | ✓ | ✓ |
| 3007 | 0BBF | ushort | 1 | % | H_IL2_3 | 0.1 | | ✓ | ✓ | ✓ |
| 3008 | 0BC0 | ushort | 1 | % | H_IL3_3 | 0.1 | | ✓ | ✓ | ✓ |
| 3009 | 0BC1 | ushort | 1 | % | H_IL4_3 | 0.1 | | | | |
| 3010 | 0BC2 | ushort | 1 | % | H_ILN_3 | 0.1 | | ✓ | ✓ | ✓ |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| 3241 | OCA9 | ushort | 1 | % | H_IL1_50 | 0.1 | | ✓ | ✓ | ✓ |
| 3242 | OCAA | ushort | 1 | % | H_IL2_50 | 0.1 | | ✓ | ✓ | ✓ |
| 3243 | OCAB | ushort | 1 | % | H_IL3_50 | 0.1 | | ✓ | ✓ | ✓ |
| 3244 | OCAC | ushort | 1 | % | H_IL4_50 | 0.1 | | | | |
| 3245 | OCAD | ushort | 1 | % | H_ILN_50 | 0.1 | | ✓ | ✓ | ✓ |
| 3246 | OCAE | ushort | 1 | % | H_IL1_51 | 0.1 | | ✓ | ✓ | ✓ |
| 3247 | OCAF | ushort | 1 | % | H_IL2_51 | 0.1 | | ✓ | ✓ | ✓ |
| 3248 | OCB0 | ushort | 1 | % | H_IL3_51 | 0.1 | | ✓ | ✓ | ✓ |
| 3249 | OCB1 | ushort | 1 | % | H_IL4_51 | 0.1 | | | | |
| 3250 | OCB2 | ushort | 1 | % | H_ILN_51 | 0.1 | | ✓ | ✓ | ✓ |

Individual Voltage Harmonic Order

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 4000 | 201 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|---------|---------------------|-----------|-----------|-----------|-----------|---|
| 4000 | 0FA0 | ushort | 1 | % | Number Of Harmonics | 0.1 | | ✓ | ✓ | ✓ |
| 4001 | 0FA1 | ushort | 1 | % | H_V1_2 | 0.1 | | ✓ | ✓ | ✓ |
| 4002 | 0FA2 | ushort | 1 | % | H_V2_2 | 0.1 | | ✓ | ✓ | ✓ |
| 4003 | 0FA3 | ushort | 1 | % | H_V3_2 | 0.1 | | ✓ | ✓ | ✓ |
| 4004 | 0FA4 | ushort | 1 | % | H_V4_2 | 0.1 | | | | |
| 4005 | 0FA5 | ushort | 1 | % | H_V1_3 | 0.1 | | ✓ | ✓ | ✓ |
| 4006 | 0FA6 | ushort | 1 | % | H_V2_3 | 0.1 | | ✓ | ✓ | ✓ |
| 4007 | 0FA7 | ushort | 1 | % | H_V3_3 | 0.1 | | ✓ | ✓ | ✓ |
| 4008 | 0FA8 | ushort | 1 | % | H_V4_3 | 0.1 | | | | |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| #SAY!! | | | | | | | | ✓ | ✓ | ✓ |
| 4193 | 1061 | ushort | 1 | % | H_V1_50 | 0.1 | | ✓ | ✓ | ✓ |
| 4194 | 1062 | ushort | 1 | % | H_V2_50 | 0.1 | | ✓ | ✓ | ✓ |
| 4195 | 1063 | ushort | 1 | % | H_V3_50 | 0.1 | | ✓ | ✓ | ✓ |
| 4196 | 1064 | ushort | 1 | % | H_V4_50 | 0.1 | | | | |
| 4197 | 1065 | ushort | 1 | % | H_V1_51 | 0.1 | | ✓ | ✓ | ✓ |
| 4198 | 1066 | ushort | 1 | % | H_V2_51 | 0.1 | | ✓ | ✓ | ✓ |
| 4199 | 1067 | ushort | 1 | % | H_V3_51 | 0.1 | | ✓ | ✓ | ✓ |
| 4200 | 1068 | ushort | 1 | % | H_V4_51 | 0.1 | | | | |

Individual VLL Harmonic Order

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 5000 | 151 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|---------|------------------|-----------|-----------|-----------|-----------|---|
| 5000 | 1388 | ushort | 1 | % | NUM_OF_HARMONICS | 0.1 | | ✓ | ✓ | ✓ |
| 5001 | 1389 | ushort | 1 | % | H_VLL1_2_2 | 0.1 | | ✓ | ✓ | ✓ |
| 5002 | 138A | ushort | 1 | % | H_VLL2_3_2 | 0.1 | | ✓ | ✓ | ✓ |
| 5003 | 138B | ushort | 1 | % | H_VLL3_1_2 | 0.1 | | ✓ | ✓ | ✓ |
| 5004 | 138C | ushort | 1 | % | H_VLL1_2_3 | 0.1 | | ✓ | ✓ | ✓ |
| 5005 | 138D | ushort | 1 | % | H_VLL2_3_3 | 0.1 | | ✓ | ✓ | ✓ |
| 5006 | 138E | ushort | 1 | % | H_VLL3_1_3 | 0.1 | | ✓ | ✓ | ✓ |
| 5007 | 138F | ushort | 1 | % | H_VLL1_2_4 | 0.1 | | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|--------|-------|--------|-------|-------|-------------|-------|--|---|---|---|
| 5008 | 1390 | ushort | 1 | % | H_VLL2_3_4 | 0.1 | | ✓ | ✓ | ✓ |
| 5009 | 1391 | ushort | 1 | % | H_VLL3_1_4 | 0.1 | | ✓ | ✓ | ✓ |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... |  | ✓ | ✓ | ✓ |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... |  | ✓ | ✓ | ✓ |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... |  | ✓ | ✓ | ✓ |
| 5145 | 1419 | ushort | 1 | % | H_VLL1_2_50 | 0.1 | | ✓ | ✓ | ✓ |
| 5146 | 141A | ushort | 1 | % | H_VLL2_3_50 | 0.1 | | ✓ | ✓ | ✓ |
| 5147 | 141B | ushort | 1 | % | H_VLL3_1_50 | 0.1 | | ✓ | ✓ | ✓ |
| 5148 | 141C | ushort | 1 | % | H_VLL1_2_51 | 0.1 | | ✓ | ✓ | ✓ |
| 5149 | 141D | ushort | 1 | % | H_VLL2_3_51 | 0.1 | | ✓ | ✓ | ✓ |
| 5150 | 141E | ushort | 1 | % | H_VLL3_1_51 | 0.1 | | ✓ | ✓ | ✓ |

NETWORK SETTINGS

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 16384 | 18 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR25S-22 | MPR26S-21 | MPR27S-23 | MPR28S-32 | |
|-------------|--------|-------------|------|---------|---|-----------|-----------|-----------|-----------|---|
| 16384 | 4000 | ushort | 1 | - | Network Type: 0: 3P4W 1: 3P3W 2: ARON 3: 3P4W Balanced 4: 3P3W Balanced | 1 | ✓ | ✓ | ✓ | ✓ |
| 16385 | 4001 | ushort | 1 | A | Current Transformer Secondary: 0: 1A 1: 5A | 1 | ✓ | ✓ | ✓ | ✓ |
| 16386 | 4002 | ushort | 1 | A | Current Transformer Primary: 5 -- 9999 | 1 | ✓ | ✓ | ✓ | ✓ |
| 0 | | ushort | 1 | - | Voltage Transformer Present: 0-None 1-Present | 1 | ✓ | ✓ | ✓ | ✓ |
| 16388 | 4004 | ushort | 1 | V | Voltage Transformer Secondary: 50 -- 300 | 1 | ✓ | ✓ | ✓ | ✓ |
| 16389 | 4005 | uint | 2 | V | Voltage Transformer Primary: 50 -- 999999 | 1 | ✓ | ✓ | ✓ | ✓ |
| 16391 | 4007 | ushort | 1 | Minutes | P Demand Time: 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | | | | |
| 16392 | 4008 | ushort | 1 | Minutes | I Demand Time: 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | ✓ | ✓ | ✓ | ✓ |
| 16393 | 4009 | ushort | 1 | Minutes | V Average Time 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | | | | |
| 16394 | 400A | ushort | 1 | Hz | System Frequency: 0: 50 Hz 1: 60 Hz | 1 | ✓ | ✓ | ✓ | ✓ |
| 16395 | 400B | uint | 2 | V | System Voltage: VT_Primary --- 25V* primary/secondary | 1 | ✓ | ✓ | ✓ | ✓ |
| 16397 | 400D | ushort | 1 | A | System Current: CT_Primary --- 1A | 1 | ✓ | ✓ | ✓ | ✓ |
| 16398 | 400E | ushort | 1 | % | Sag Level: 70% -- 98% | 0.1 | | | | |
| 16399 | 400F | ushort | 1 | % | Sag Hysteresis: 0.5% -- 5% | 0.1 | | | | |
| 16400 | 4010 | ushort | 1 | % | Swell Level: 102% -- 130% | 0.1 | | | | |
| 16401 | 4011 | ushort | 1 | % | Swell Hysteresis: 0.5% -- 5% | 0.1 | | | | |

SETUP

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 17000 | 141 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR25S-22 | MPR26S-21 | MPR27S-23 | MPR28S-32 | |
|-------------|--------|-------------|------|---------|---|-----------|-----------|-----------|-----------|---|
| 17000 | 4268 | ushort | 1 | - | Network Type: 0: 3P4W 1: 3P3W 2: ARON 3: 3P4W Balanced 4: 3P3W Balanced | 1 | ✓ | ✓ | ✓ | ✓ |
| 17001 | 4269 | ushort | 1 | A | Current Transformer Secondary: 0: 1A 1: 5A | 1 | ✓ | ✓ | ✓ | ✓ |
| 17002 | 426A | ushort | 1 | A | Current Transformer Primary: 5 -- 9999 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17003 | 426B | ushort | 1 | - | Voltage Transformer Present: 0-None 1-Present | 1 | ✓ | ✓ | ✓ | ✓ |
| 17004 | 426C | ushort | 1 | V | Voltage Transformer Secondary: 50 -- 300 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17005 | 426D | uint | 2 | V | Voltage Seconder Primary: 50 -- 999999 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17007 | 426F | ushort | 1 | Minutes | P Demand Time: 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | | | | |
| 17008 | 4270 | ushort | 1 | Minutes | I Demand Time: 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|----------------------|---|----------------------|---|---|---|---|
| 17009 | 4271 | ushort | 1 | Minutes | V Average Time 1: 1 Minute 5: 5 Minutes 10: 10 Minutes 15: 15 Minutes 20: 20 Minutes 30: 30 Minutes 60: 60 Minutes | 1 | | | | |
| 17010 | 4272 | ushort | 1 | Hz | System Frequency: 0: 50 Hz 1: 60 Hz | 1 | ✓ | ✓ | ✓ | ✓ |
| 17011 | 4273 | uint | 2 | V | System Voltage: VT_Primary ---25V* primary/secondary | 1 | ✓ | ✓ | ✓ | ✓ |
| 17013 | 4275 | ushort | 1 | A | System Current: CT_Primary --- 1A | 1 | ✓ | ✓ | ✓ | ✓ |
| 17014 | 4276 | ushort | 1 | % | Sag Level: 70% -- 98% | 0.1 | | | | |
| 17015 | 4277 | ushort | 1 | % | Sag Hysteresis: 0.5% -- 5% | 0.1 | | | | |
| 17016 | 4278 | ushort | 1 | % | Swell Level: 102% -- 130% | 0.1 | | | | |
| 17017 | 4279 | ushort | 1 | % | Swell Hysteresis: 0.5% -- 5% | 0.1 | | | | |
| 17018 | 427A | ushort | 1 | - | OUT1 Type: 0: REMOTE 1: PULSE yazılıyor.Menüde görülüyor. 2: ALARM | 1 | ✓ | ✓ | ✓ | ✓ |
| 17019 | 427B | ushort | 1 | - | OUT2 Type: 0: REMOTE 1: PULSE 2: ALARM | 1 | ✓ | | ✓ | ✓ |
| 17020 | 427C | ushort | 1 | - | OUT3 Type: 0: REMOTE 1: PULSE 2: ALARM | 1 | | | | |
| 17021 | 427D | ushort | 1 | - | OUT4 Type: 0: REMOTE 1: PULSE 2: ALARM | 1 | | | | |
| 17022 | 427E | ushort | 1 | - | INPUT1 Type: 0: digital 1: PULSE 2: Generator | 1 | ✓ | ✓ | ✓ | ✓ |
| 17023 | 427F | ushort | 1 | - | INPUT2 Type: 0: digital 1: PULSE 2: Generator | 1 | ✓ | ✓ | ✓ | ✓ |
| 17024 | 4280 | ushort | 1 | - | INPUT3 Type: 0: digital 1: PULSE 2: Generator | 1 | | | | |
| 17025 | 4281 | ushort | 1 | - | INPUT4 Type: 0: digital 1: PULSE 2: Generator | 1 | | | | |
| 17026 | 4282 | ushort | 1 | - | Analog Output 1 Type: 0: 0 -- 5 V 1: 0 -- 10 V 2: -5 -- 5 V 3: -10 -- 10 V 4: N/A 5: 4 -- 20 mA 6: 0 -- 20 mA 7: 0 -- 24 mA | 1 | | | ✓ | |
| 17027 | 4283 | ushort | 1 | - | Analog Output 1 Parameter: 0: VLN1, 1: VLN2, 2: VLN3, 3: VLN4 4: VLL1, 5: VLL2, 6: VLL3, 7: IL1, 8: IL2, 9: IL3, 10: IL4, 11: ILN 12: IL1 Demand, 13: IL2 Demand, 14: IL3 Demand 15: IL4 Demand, 16: ILN Demand, 17: P1, 18: P2, 19: P3, 20: Q1, 21: Q2, 22: Q3, 23: S1, 24: S2, 25: S3, 26: SUMP, 27: SUMP IMP, 28: SUMP EXP, 29: SUMQ, 30: SUM QUAD1, 31: SUM QUAD2, 32: SUM QUAD3, 33: SUM QUAD4, 34: SUM S, 35: SUM S IMP, 36: SUM S EXP, 37: SUM P IMP Deman, 38: SUM P EXP Demand, 39: SUM S IMP Demand, 40: SUM S EXP Demand, 41: Cos Phi 1, 42: Cos Phi 2, 43: Cos Phi 3, 44: SUM Cos Phi, 45: Hz | 1 | | | ✓ | |
| 17028 | 4284 | int | 2 | Depends on parameter | Analog Output1 High | Depends on parameter | | | ✓ | |
| 17030 | 4286 | int | 2 | Depends on parameter | Analog Output1 Low | Depends on parameter | | | ✓ | |
| 17032 | 4288 | ushort | 1 | - | Analog Output 2 Type: | 1 | | | | |
| 17033 | 4289 | ushort | 1 | - | Analog Output 2 Parameter: | 1 | | | | |
| 17034 | 428A | uint | 2 | Depends on parameter | Analog Output2 High | Depends on parameter | | | | |
| 17036 | 428C | uint | 2 | Depends on parameter | Analog Output2 Low | Depends on parameter | | | | |
| 17038 | 428E | ushort | 1 | - | Analog Output 3 Type: | 1 | | | | |
| 17039 | 428F | ushort | 1 | - | Analog Output 3 Parameter: | 1 | | | | |
| 17040 | 4290 | uint | 2 | Depends on parameter | Analog Output3 High | Depends on parameter | | | | |
| 17042 | 4292 | uint | 2 | Depends on parameter | Analog Output3 Low | Depends on parameter | | | | |
| 17044 | 4294 | ushort | 1 | - | Analog Output 4 Type: | 1 | | | | |
| 17045 | 4295 | ushort | 1 | - | Analog Output 4 Parameter: | 1 | | | | |
| 17046 | 4296 | uint | 2 | Depends on parameter | Analog Output4 High | Depends on parameter | | | | |
| 17048 | 4298 | uint | 2 | Depends on parameter | Analog Output4 Low | Depends on parameter | | | | |
| 17050 | 429A | ushort | 1 | - | Pulse Input 1: 0: Pasive 1: Active | 1 | ✓ | ✓ | ✓ | ✓ |
| 17051 | 429B | ushort | 1 | - | Pulse Input 1 Ratio: 1 -- 20000 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17052 | 429C | ushort | 1 | - | Pulse Input 2: 0: Pasive 1: Active | 1 | ✓ | ✓ | ✓ | ✓ |
| 17053 | 429D | ushort | 1 | - | Pulse Input 2 Ratio: 1 -- 20000 | 1 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|----------------------|--|----------------------|---|---|---|---|
| 17054 | 429E | ushort | 1 | - | Pulse Input 3: 0: Pasive 1: Active | 1 | | | | |
| 17055 | 429F | ushort | 1 | - | Pulse Input 3 Ratio: 1 -- 20000 | 1 | | | | |
| 17056 | 42A0 | ushort | 1 | - | Pulse Input 4: 0: Pasive 1: Active | 1 | | | | |
| 17057 | 42A1 | ushort | 1 | - | Pulse Input 4 Ratio: 1 -- 20000 | 1 | | | | |
| 17058 | 42A2 | ushort | 1 | ms | Pulse Width: 0: 20 ms 1: 40 ms 2: 60 ms 3: 80 ms 4: 100 ms 5: 150 ms 6: 200 ms 7: 300 ms 8: 400 ms 9: 500 ms | 1 | ✓ | ✓ | ✓ | ✓ |
| 17059 | 42A3 | ushort | 1 | - | Pulse Output1 Parameter: 0: Disable 1: Total Import Active Energy (Q14) 2: Total Export Active Energy (Q23) 3: Total import reactive energy (Q1) 4: Total Export Reactive Energy (Q4) 5: Total Import Reactive Energy (Q2) 6: Total Export Reactive Energy (Q3) 7:Total Import Apparent Energy(Q14) 8: Total Export Apparent Energy(Q23) 9: Total Import Active Energy (L1) 10: Total Import Active Energy (L2) 11:Total Import Active Energy (L3) | 1 | ✓ | ✓ | ✓ | ✓ |
| 17060 | 42A4 | ushort | 1 | kWh | Pulse Output 1 Ratio: 0: 1 1: 10 2: 100 3: 1000 4: 10000 5: 100000 6: 1000000 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17061 | 42A5 | ushort | 1 | ms | Pulse Output 1 Pulse Width: between 20 - 1000 ms | 1 | ✓ | ✓ | ✓ | ✓ |
| 17062 | 42A6 | ushort | 1 | ms | Pulse Output 1 Pulse Duty: between 20 - 1000 ms | 1 | ✓ | ✓ | ✓ | ✓ |
| 17063 | 42A7 | ushort | 1 | - | Pulse Output 2 Parameter: | 1 | | | | |
| 17064 | 42A8 | ushort | 1 | - | Pulse Output 2 Ratio: | 1 | | | | |
| 17065 | 42A9 | ushort | 1 | ms | Pulse Output 2 Pulse Width: | 1 | | | | |
| 17066 | 42AA | ushort | 1 | ms | Pulse Output 2 Pulse Duty: | 1 | | | | |
| 17067 | 42AB | ushort | 1 | - | Pulse Output3 Parameter: | 1 | | | | |
| 17068 | 42AC | ushort | 1 | - | Pulse Output 3 Ratio: | 1 | | | | |
| 17069 | 42AD | ushort | 1 | ms | Pulse Output 3 Pulse Width: | 1 | | | | |
| 17070 | 42AE | ushort | 1 | ms | Pulse Output 3 Pulse Duty: | 1 | | | | |
| 17071 | 42AF | ushort | 1 | - | Pulse Output4 Parameter: | 1 | | | | |
| 17072 | 42B0 | ushort | 1 | - | Pulse Output 4 Ratio: | 1 | | | | |
| 17073 | 42B1 | ushort | 1 | ms | Pulse Output 4 Pulse Width: | 1 | | | | |
| 17074 | 42B2 | ushort | 1 | ms | Pulse Output 4 Pulse Duty: | 1 | | | | |
| 17075 | 42B3 | ushort | 1 | - | Alarm1 Status: 0: Pasive 1: Active | 1 | ✓ | ✓ | ✓ | ✓ |
| 17076 | 42B4 | ushort | 1 | - | Alarm1 Parameter: 0: VLN 1: VLL 2: IL 3: In 4: I Demand 5:In Demand 6: P 7: Q 8: S 9: SUM P 10: SUM Q 11: SUM S 12: P Demand 13: S Demand 14: SUM P Demand 15: SUM S Demand 16: COS Phi 17: Sum COS Phi 18: frequency 19: VLN4 20: IL4 21: THD V 22: THD U 23: THD I 24:Working Hour 25: Input 1 26: Input 2 27: Input 3 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17077 | 42B5 | ushort | 1 | - | 0: HIGH 1: LOW 2: In window 3: Out window | 1 | ✓ | ✓ | ✓ | ✓ |
| 17078 | 42B6 | ushort | 1 | s | Alarm 1 On Time: 0-- 9999 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 17079 | 42B7 | ushort | 1 | s | Alarm 1 Off Time: 0-- 9999 | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 17080 | 42B8 | ushort | 1 | - | 0: Output 1 1: Output 2 2: Output 3 3: Output 4 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17081 | 42B9 | int | 2 | Depends on parameter | Alarm 1 High Threshold Value | Depends on parameter | ✓ | ✓ | ✓ | ✓ |
| 17083 | 42BB | int | 2 | Depends on parameter | Alarm 1 Low Threshold Value | Depends on parameter | ✓ | ✓ | ✓ | ✓ |
| 17085 | 42BD | ushort | 1 | % | Alarm 1 Hysteresis | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 17086 | 42BE | ushort | 1 | - | Alarm2 Status: | 1 | ✓ | ✓ | ✓ | ✓ |
| 17087 | 42BF | ushort | 1 | - | Alarm2 Parameter: | 1 | ✓ | ✓ | ✓ | ✓ |
| 17088 | 42C0 | ushort | 1 | - | ..... | 1 | ✓ | ✓ | ✓ | ✓ |
| 17089 | 42C1 | ushort | 1 | s | ..... | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 17090 | 42C2 | ushort | 1 | s | ..... | 0.1 | ✓ | ✓ | ✓ | ✓ |
| 17091 | 42C3 | ushort | 1 | - | ..... | 1 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|------|---|---|---|---|---|---|
| 17139 | 42F3 | ushort | 1 | DAY | DST END DAY: 0 : SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURDAY 5: FRIDAY 6: SATURDAY | 1 | ✓ | ✓ | ✓ | ✓ |
| 17140 | 42F4 | ushort | 1 | hour | DST End Hour: 0-23 | 1 | ✓ | ✓ | ✓ | ✓ |
| 17141 | 42F5 | ushort | 1 | - | Tariff Activate: 0: Disable 1: Enable | 1 | ✓ | ✓ | ✓ | ✓ |

| DATE/HOUR | | |
|--------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 6000 | 18 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|--|------------|-----------|-----------|-----------|-----------|
| 6000 | 1770 | ushort | 1 | DAY 1-31 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6001 | 1771 | ushort | 1 | month MONTH 1-12 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6002 | 1772 | ushort | 1 | Yil YEAR 2000-2199 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6003 | 1773 | ushort | 1 | hour HOUR 0-23 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6004 | 1774 | ushort | 1 | MINUTE MINUTES 0-59 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6005 | 1775 | ushort | 1 | Second SECONDS 0-59 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6006 | 1776 | ushort | 1 | DAY 0 : SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURDAY 5: FRIDAY 6: SATURDAY | 1 | ✓ | ✓ | ✓ | ✓ |
| 6007 | 1777 | short | 1 | - -24 -- +24 | | ✓ | ✓ | ✓ | ✓ |
| 6008 | 1778 | ushort | 1 | - 0: DISABLE 1: EUROPE 2: AMERICA 3: MANUAL | 1 | ✓ | ✓ | ✓ | ✓ |
| 6009 | 1779 | ushort | 1 | month DST Start Month: 1-12 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6010 | 177A | ushort | 1 | week DST Start Week: 0: First 1: Second 2: Third 3: Fourth 4: Last | 1 | ✓ | ✓ | ✓ | ✓ |
| 6011 | 177B | ushort | 1 | DAY DST Start DAY: 0 : SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURDAY 5: FRIDAY 6: SATURDAY | 1 | ✓ | ✓ | ✓ | ✓ |
| 6012 | 177C | ushort | 1 | hour DST Start Hour: 0-23 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6013 | 177D | ushort | 1 | month DST End Month: 1-12 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6014 | 177E | ushort | 1 | week DST End Week: 0: First 1: Second 2: Third 3: Fourth 4: Last | 1 | ✓ | ✓ | ✓ | ✓ |
| 6015 | 177F | ushort | 1 | DAY DST END DAY: 0 : SUNDAY 1: MONDAY 2: TUESDAY 3: WEDNESDAY 4: THURDAY 5: FRIDAY 6: SATURDAY | 1 | ✓ | ✓ | ✓ | ✓ |
| 6016 | 1780 | ushort | 1 | hour DST End Hour: 0-23 | 1 | ✓ | ✓ | ✓ | ✓ |
| 6017 | 1781 | ushort | 1 | - DST_STATUS | 1 | ✓ | ✓ | ✓ | ✓ |

| TARIFF SETTINGS OF SATURDAY | | |
|-----------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 22000 | 16 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---|--|-----------|-----------|-----------|-----------|
| 22000 | 55F0 | ushort | 1 | Hour/Minutes Start Hour and Start Minutes Settings: Hour * 256 + Minute Tariff Number Settings : | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22001 | 55F1 | ushort | 1 | - 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22002 | 55F2 | ushort | 1 | Hour/Minutes Start Hour and Start Minutes Settings: Hour * 256 + Minute Tariff Number Settings : | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22003 | 55F3 | ushort | 1 | - 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22004 | 55F4 | ushort | 1 | Hour/Minutes Start Hour and Start Minutes Settings: Hour * 256 + Minute Tariff Number Settings : | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22005 | 55F5 | ushort | 1 | - 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22006 | 55F6 | ushort | 1 | Hour/Minutes Start Hour and Start Minutes Settings: Hour * 256 + Minute Tariff Number Settings : | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22007 | 55F7 | ushort | 1 | - 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22008 | 55F8 | ushort | 1 | Hour/Minutes Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|--------------|---|--|---|---|---|---|
| 22009 | 55F9 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22010 | 55FA | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22011 | 55FB | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22012 | 55FC | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22013 | 55FD | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 22014 | 55FE | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 22015 | 55FF | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |

TARIFF SETTINGS OF SUNDAY

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 9000 | 16 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|--------------|---|--|-----------|-----------|-----------|---|
| 9000 | 2328 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9001 | 2329 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9002 | 232A | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9003 | 232B | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9004 | 232C | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9005 | 232D | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9006 | 232E | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9007 | 232F | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9008 | 2330 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9009 | 2331 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9010 | 2332 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9011 | 2333 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9012 | 2334 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9013 | 2335 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 9014 | 2336 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 9015 | 2337 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |

TARIFF SETTINGS OF WEEKDAY

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 9000 | 16 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|------|--------------|---|--|-----------|-----------|-----------|---|
| 10000 | 2710 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10001 | 2711 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10002 | 2712 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10003 | 2713 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10004 | 2714 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10005 | 2715 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10006 | 2716 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10007 | 2717 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10008 | 2718 | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10009 | 2719 | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10010 | 271A | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|--------------|---|--|---|---|---|---|
| 10011 | 271B | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10012 | 271C | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10013 | 271D | ushort | 1 | - | 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |
| 10014 | 271E | ushort | 1 | Hour/Minutes | Start Hour and Start Minutes Settings: Hour * 256 + Minute | Hour Value: Register Value / 256 Minute Value: Register Value % 256 | ✓ | ✓ | ✓ | ✓ |
| 10015 | 271F | ushort | 1 | - | Tariff Number Settings : 0-8 | 1 | ✓ | ✓ | ✓ | ✓ |

| ALARM STATUS | | |
|------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 20000 | 36 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 | |
|-------------|--------|-------------|-------|-----------------------|--|----------------------|-----------|-----------|-----------|---|
| 20000 | 4E20 | ushort | 1 | - | Alarm Output Number : 0 - 3 | 1 | ✓ | ✓ | ✓ | |
| | 4E21 | ushort | 1 | - | Alarm1 on lower threshold cause: 0x0000: Alarm Yok 0x0011: VLN1, 0x0012: VLN2, 0x0013: VLN1 + VLN2 0x0014: VLN3, 0x0015: VLN1 + VLN3, 0x0016: VLN2 + VLN3 0x0017: VLN1 + VLN2 + VLN3, 0x0018: VLN4 0x0021: VLL1, 0x0022: VLL2, 0x0023: VLL1 + VLL2, 0x0024: VLL3 0x0025: VLL1 + VLL3, 0x0026: VLL2 + VLL3, 0x0027: VLL1 + VLL2 + VLL3 0x0031: IL1, 0x0032: IL2, 0x0033: IL1 + IL2, 0x0034: IL3, 0x0035: IL1 + IL3 0x0036: IL2 + IL3, 0x0037: IL1 + IL2 + IL3 0x0038: IL4 0x0040: IN 0x0051: P1, 0x0052: P2, 0x0053: P1 + P2, 0x0054: P3, 0x0055: P1 + P3 0x0056: P2 + P3, 0x0057: P1 + P2 + P3, 0x0058: P4 0x0060: PSUM IMP 0x0070: PSUM EXP, 0x0080: PSUM 0x0091: Q1, 0x0092: Q2, 0x0093: Q1 + Q2, 0x0094: Q3, 0x0095: Q1 + Q3 0x0096: Q2 + Q3, 0x0097: Q1 + Q2 + Q3, 0x0098: Q4 0x00A0: QSUM IMP, 0x00B0: QSUM EXP, 0x00C0: QSUM 0x00D1: S1, 0x00D2: S2, 0x00D3: S1 + S2, 0x00D4: S3, 0x00D5: S1 + S3 0x00D6: S2 + S3, 0x00D7: S1 + S2 + S3, 0x00D8: S4 0x00E0: SSUM IMP, 0x00F0: SSUM EXP, 0x0100: SSUM, 0x0111: IL1 Demand, 0x0112: IL2 Demand, 0x0113: IL1 + IL2 Demand, 0x0114: IL3 Demand, 0x0115: IL1 + IL3 Demand, 0x0116: IL2 + IL3 Demand, 0x0117: IL1 + IL2 + IL3 Demand, 0x0118: IL4 Demand 0x0120: IN Demand, 0x0131: P1 Demand, 0x0132: P2 Demand, 0x0133: P1 + P2 Demand, 0x0134: P3 Demand, 0x0135: P1 + P3, 0x0136: P2 + P3 Demand, 0x0137: P1 + P2 + P3 Demand, 0x0138: P4 Demand 0x0140: PSUM Demand Imp | 1 | ✓ | ✓ | ✓ | ✓ |
| 20001 | 4E22 | int | 2 | Depends on parameter. | Alarm 1 on lower threshold min value | Depends on parameter | ✓ | ✓ | ✓ | |
| 20002 | 4E24 | ushort | 1 | - | Alarm1 on upper threshold cause: 0x0000: Alarm Yok 0x0011: VLN1, 0x0012: VLN2, 0x0013: VLN1 + VLN2 0x0014: VLN3, 0x0015: VLN1 + VLN3, 0x0016: VLN2 + VLN3 0x0017: VLN1 + VLN2 + VLN3, 0x0018: VLN4 0x0021: VLL1, 0x0022: VLL2, 0x0023: VLL1 + VLL2, 0x0024: VLL3 0x0025: VLL1 + VLL3, 0x0026: VLL2 + VLL3, 0x0027: VLL1 + VLL2 + VLL3 0x0031: IL1, 0x0032: IL2, 0x0033: IL1 + IL2, 0x0034: IL3, 0x0035: IL1 + IL3 0x0036: IL2 + IL3, 0x0037: IL1 + IL2 + IL3 0x0038: IL4 0x0040: IN 0x0051: P1, 0x0052: P2, 0x0053: P1 + P2, 0x0054: P3, 0x0055: P1 + P3 0x0056: P2 + P3, 0x0057: P1 + P2 + P3, 0x0058: P4 0x0060: PSUM IMP 0x0070: PSUM EXP, 0x0080: PSUM 0x0091: Q1, 0x0092: Q2, 0x0093: Q1 + Q2, 0x0094: Q3, 0x0095: Q1 + Q3 0x0096: Q2 + Q3, 0x0097: Q1 + Q2 + Q3, 0x0098: Q4 0x00A0: QSUM IMP, 0x00B0: QSUM EXP, 0x00C0: QSUM 0x00D1: S1, 0x00D2: S2, 0x00D3: S1 + S2, 0x00D4: S3, 0x00D5: S1 + S3 0x00D6: S2 + S3, 0x00D7: S1 + S2 + S3, 0x00D8: S4 0x00E0: SSUM IMP, 0x00F0: SSUM EXP, 0x0100: SSUM, 0x0111: IL1 Demand, 0x0112: IL2 Demand, 0x0113: IL1 + IL2 Demand, 0x0114: IL3 Demand, 0x0115: IL1 + IL3 Demand, 0x0116: IL2 + IL3 Demand, 0x0117: IL1 + IL2 + IL3 Demand, 0x0118: IL4 Demand 0x0120: IN Demand, 0x0131: P1 Demand, 0x0132: P2 Demand, 0x0133: P1 + P2 Demand, 0x0134: P3 Demand, 0x0135: P1 + P3, 0x0136: P2 + P3 Demand, 0x0137: P1 + P2 + P3 Demand, 0x0138: P4 Demand 0x0140: PSUM Demand Imp | 1 | ✓ | ✓ | ✓ | ✓ |
| 20004 | 4E25 | int | 2 | Depends on parameter | Alarm 1 on upper threshold max. value | Depends on parameter | ✓ | ✓ | ✓ | |
| 20005 | 4E27 | uint | 2 | s | Alarm 1 Duration | 1 | ✓ | ✓ | ✓ | |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... | ✓ | ✓ | ✓ |  |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... | ✓ | ✓ | ✓ |  |
| #SAY!! | ..... | ..... | ..... | ..... | ..... | ..... | ✓ | ✓ | ✓ |  |
| 20027 | 4E3B | ushort | 1 | - | Alarm Output Number : 0 - 3 | 1 | ✓ | ✓ | ✓ | |
| | 4E3C | ushort | 1 | - | Alarm4 on lower threshold cause: 0x0000: Alarm Yok 0x0011: VLN1, 0x0012: VLN2, 0x0013: VLN1 + VLN2 0x0014: VLN3, 0x0015: VLN1 + VLN3, 0x0016: VLN2 + VLN3 0x0017: VLN1 + VLN2 + VLN3, 0x0018: VLN4 0x0021: VLL1, 0x0022: VLL2, 0x0023: VLL1 + VLL2, 0x0024: VLL3 0x0025: VLL1 + VLL3, 0x0026: VLL2 + VLL3, 0x0027: VLL1 + VLL2 + VLL3 0x0031: IL1, 0x0032: IL2, 0x0033: IL1 + IL2, 0x0034: IL3, 0x0035: IL1 + IL3 0x0036: IL2 + IL3, 0x0037: IL1 + IL2 + IL3 0x0038: IL4 0x0040: IN 0x0051: P1, 0x0052: P2, 0x0053: P1 + P2, 0x0054: P3, 0x0055: P1 + P3 0x0056: P2 + P3, 0x0057: P1 + P2 + P3, 0x0058: P4 0x0060: PSUM IMP 0x0070: PSUM EXP, 0x0080: PSUM 0x0091: Q1, 0x0092: Q2, 0x0093: Q1 + Q2, 0x0094: Q3, 0x0095: Q1 + Q3 0x0096: Q2 + Q3, 0x0097: Q1 + Q2 + Q3, 0x0098: Q4 0x00A0: QSUM IMP, 0x00B0: QSUM EXP, 0x00C0: QSUM 0x00D1: S1, 0x00D2: S2, 0x00D3: S1 + S2, 0x00D4: S3, 0x00D5: S1 + S3 0x00D6: S2 + S3, 0x00D7: S1 + S2 + S3, 0x00D8: S4 0x00E0: SSUM IMP, 0x00F0: SSUM EXP, 0x0100: SSUM, 0x0111: IL1 Demand, 0x0112: IL2 Demand, 0x0113: IL1 + IL2 Demand, 0x0114: IL3 Demand, 0x0115: IL1 + IL3 Demand, 0x0116: IL2 + IL3 Demand, 0x0117: IL1 + IL2 + IL3 Demand, 0x0118: IL4 Demand 0x0120: IN Demand, 0x0131: P1 Demand, 0x0132: P2 Demand, 0x0133: P1 + P2 Demand, 0x0134: P3 Demand, 0x0135: P1 + P3, 0x0136: P2 + P3 Demand, 0x0137: P1 + P2 + P3 Demand, 0x0138: P4 Demand 0x0140: PSUM Demand Imp | 1 | ✓ | ✓ | ✓ | ✓ |
| 20028 | 4E3D | int | 2 | Depends on parameter | Alarm 4 on lower threshold min value | Depends on parameter | ✓ | ✓ | ✓ | |
| 20029 | 4E3D | int | 2 | Depends on parameter | Alarm 4 on lower threshold min value | Depends on parameter | ✓ | ✓ | ✓ | |

Same parameters continuous as Alarm 2 and Alarm3

| | | | | | | | | | | |
|-------|------|--------|---|-----------------------|--|----------------------|---|---|---|---|
| 20031 | 4E3F | ushort | 1 | - | Alarm4 on upper threshold cause: 0x0000: Alarm Yok 0x0011: VLN1, 0x0012: VLN2, 0x0013: VLN1 + VLN2 0x0014: VLN3, 0x0015: VLN1 + VLN3, 0x0016: VLN2 + VLN3 0x0017: VLN1 + VLN2 + VLN3, 0x0018: VLN4 0x0021: VLL1, 0x0022: VLL2, 0x0023: VLL1 + VLL2, 0x0024: VLL3 0x0025: VLL1 + VLL3, 0x0026: VLL2 + VLL3, 0x0027: VLL1 + VLL2 + VLL3 0x0031: IL1, 0x0032: IL2, 0x0033: IL1 + IL2, 0x0034: IL3, 0x0035: IL1 + IL3 0x0036: IL2 + IL3, 0x0037: IL1 + IL2 + IL3 0x0038: IL4 0x0040: IN 0x0051: P1, 0x0052: P2, 0x0053: P1 + P2, 0x0054: P3, 0x0055: P1 + P3 0x0056: P2 + P3, 0x0057: P1 + P2 + P3, 0x0058: P4 0x0060: PSUM IMP 0x0070: PSUM EXP, 0x0080: PSUM 0x0091: Q1, 0x0092: Q2, 0x0093: Q1 + Q2, 0x0094: Q3, 0x0095: Q1 + Q3 0x0096: Q2 + Q3, 0x0097: Q1 + Q2 + Q3, 0x0098: Q4 0x00A0: QSUM IMP, 0x00B0: QSUM EXP, 0x00C0: QSUM 0x00D1: S1, 0x00D2: S2, 0x00D3: S1 + S2, 0x00D4: S3, 0x00D5: S1 + S3 0x00D6: S2 + S3, 0x00D7: S1 + S2 + S3, 0x00D8: S4 0x00E0: SSUM IMP, 0x00F0: SSUM EXP, 0x0100: SSUM, 0x0111: IL1 Demand, 0x0112: IL2 Demand, 0x0113: IL1 + IL2 Demand, 0x0114: IL3 Demand, 0x0115: IL1 + IL3 Demand, 0x0116: IL2 + IL3 Demand, 0x0117: IL1 + IL2 + IL3 Demand, 0x0118: IL4 Demand 0x0120: IN Demand, 0x0131: P1 Demand, 0x0132: P2 Demand, 0x0133: P1 + P2 Demand, 0x0134: P3 Demand, 0x0135: P1 + P3, 0x0136: P2 + P3 Demand, 0x0137: P1 + P2 + P3 Demand, 0x0138: P4 Demand 0x0140: PSUM Demand Imp | 1 | ✓ | ✓ | ✓ | ✓ |
| 20032 | 4E40 | int | 2 | Depends on parameter. | Alarm 4 on upper threshold max. value | Depends on parameter | ✓ | ✓ | ✓ | ✓ |
| 20034 | 4E42 | uint | 2 | s | Alarm 4 Duration | 1 | ✓ | ✓ | ✓ | ✓ |

EVENT LOG RECORD

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 8016 | 19 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|----------------------|------------|----------------------|-----------|-----------|-----------|
| 8016 | 1F50 | uint | 2 | Unix Time | Start Time | 1 | ✓ | ✓ | ✓ |
| 8018 | 1F52 | uint | 2 | Unix Time | End Time | 1 | ✓ | ✓ | ✓ |
| 8020 | 1F54 | uint | 2 | Second | Duration | 1 | ✓ | ✓ | ✓ |
| 8022 | 1F56 | ushort | 1 | ? | Cycle | ? | ✓ | ✓ | ✓ |
| 8023 | 1F57 | ushort | 1 | - | Type | 1 | ✓ | ✓ | ✓ |
| 8024 | 1F58 | ushort | 1 | - | Source | 1 | ✓ | ✓ | ✓ |
| 8025 | 1F59 | ushort | 1 | - | Param | 1 | ✓ | ✓ | ✓ |
| 8026 | 1F5A | int | 2 | Depends on parameter | High | Depends on parameter | ✓ | ✓ | ✓ |
| 8028 | 1F5C | int | 2 | Depends on parameter | Low | Depends on parameter | ✓ | ✓ | ✓ |
| 8030 | 1F5E | int | 2 | Depends on parameter | High Value | Depends on parameter | ✓ | ✓ | ✓ |
| 8032 | 1F60 | int | 2 | Depends on parameter | Low Value | Depends on parameter | ✓ | ✓ | ✓ |
| 8034 | 1F62 | ushort | 1 | - | Index | 1 | ✓ | ✓ | ✓ |

| Supported Functions | Start Address | Register Counts |
|-------------------------|---------------|-----------------|
| Write holding registers | 8000 | 2 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--|-----------|-----------|-----------|-----------|
| 8034 | 1F40 | short | 1 | - | Record Index: -1 : Next Record 1-500: Record Index | - | ✓ | ✓ | ✓ |

RESET

| Supported Functions | Start Address | Register Counts |
|-------------------------|---------------|-----------------|
| Write holding registers | 14000 | 1 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--|-----------|-----------|-----------|-----------|
| 14000 | 36B0 | ushort | 1 | - | Reset Action Code: 0x01: MAX 0x02: MIN 0x04: DEMAND 0x08: MAX DEMAND 0x10: ENERGY 0x20: TARIFF ENERGY 0x40: GENERATOR ENERGY 0x80: PULSE COUNTER 0x100: WORKING HOUR 0x600 All | - | ✓ | ✓ | ✓ |

Record Settings

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 21000 | 15 |
| Write single register | | |
| Write multiple registers | | |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--|-----------|-----------|-----------|-----------|
| 21000 | 5208 | ushort | 1 | - | Profile Records Enable: 0: Disable 1: Enable | 1 | | ✓ | ✓ |
| 21001 | 5209 | ushort | 1 | - | Profile Synchronizing: 0: Disable 1: Enable | 1 | | ✓ | ✓ |
| 21002 | 520A | ushort | 1 | Minutes | Profile Records Record Time: 0: 1 Minute 1: 5 Minutes 2: 10 Minutes 3: 15 Minutes 4: 20 Minutes 5: 30 Minutes 6: 60 Minutes | 1 | | ✓ | ✓ |
| 21003 | 520B | ushort | 1 | - | Current Records Enable: | 1 | | ✓ | ✓ |
| 21004 | 520C | ushort | 1 | - | Current Synchronizing: 0: Disable 1: Enable | 1 | | ✓ | ✓ |
| 21005 | 520D | ushort | 1 | Minutes | Current Records Record Time: 0: 1 Minute 1: 5 Minutes 2: 10 Minutes 3: 15 Minutes 4: 20 Minutes 5: 30 Minutes 6: 60 Minutes | 1 | | ✓ | ✓ |
| 21006 | 520E | ushort | 1 | - | Voltage Records Enable: 0: Disable 1: Enable | 1 | | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|--------|---|---------|--|---|--|---|---|---|
| 21007 | 520F | ushort | 1 | - | Voltage Synchronizing: 0: Disable 1: Enable | 1 | | ✓ | ✓ | ✓ |
| 21008 | 5210 | ushort | 1 | Minutes | Voltage Records Record Time: 0: 1 Minute 1: 5 Minutes 2: 10 Minutes 3: 15 Minutes 4: 20 Minutes 5: 30 Minutes 6: 60 Minutes | 1 | | ✓ | ✓ | ✓ |
| 21009 | 5211 | ushort | 1 | - | Power Records Enable: 0: Disable 1: Enable | 1 | | ✓ | ✓ | ✓ |
| 21010 | 5212 | ushort | 1 | - | Power Synchronizing: 0: Disable 1: Enable | 1 | | ✓ | ✓ | ✓ |
| 21011 | 5213 | ushort | 1 | Minutes | Power Records Record Time: 0: 1 Minute 1: 5 Minutes 2: 10 Minutes 3: 15 Minutes 4: 20 Minutes 5: 30 Minutes 6: 60 Minutes | 1 | | ✓ | ✓ | ✓ |
| 21012 | 5214 | ushort | 1 | - | THD Records Enable: 0: Disable 1: Enable | 1 | | ✓ | ✓ | ✓ |
| 21013 | 5215 | ushort | 1 | - | THD Synchronizing: 0: Disable 1: Enable | 1 | | ✓ | ✓ | ✓ |
| 21014 | 5216 | ushort | 1 | Minutes | THD Records Record Time: 0: 1 Minute 1: 5 Minutes 2: 10 Minutes 3: 15 Minutes 4: 20 Minutes 5: 30 Minutes 6: 60 Minutes | 1 | | ✓ | ✓ | ✓ |

Records Time Stamp Register

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Write multiple registers | 21100 | 10 |

The index of record, which is closest to the date written in this register will be written in record index register at address 21200-21209.
If 0xFFFFFFFF is written, the last index record will be saved in record index register at address 21200-21209

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|----------------------------|-----------|-----------|-----------|-----------|
| 21100 | 526C | uint | 2 | Unix Time | Profile Records Time Stamp | 1 | | ✓ | ✓ |
| 21102 | 526E | uint | 2 | Unix Time | Voltage Records Time Stamp | 1 | | ✓ | ✓ |
| 21104 | 5270 | uint | 2 | Unix Time | Current Records Time Stamp | 1 | | ✓ | ✓ |
| 21106 | 5272 | uint | 2 | Unix Time | Power Records Time Stamp | 1 | | ✓ | ✓ |
| 21108 | 5274 | uint | 2 | Unix Time | THD Records Time Stamp | 1 | | ✓ | ✓ |

Records Index Register

| Supported Functions | Start Address | Register Counts |
|--------------------------|---------------|-----------------|
| Read holding registers | 21200 | 10 |
| Write multiple registers | | |

The index values which is closest in the date written in time stamp register will be read in this register.

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--------------------------------|-----------|-----------|-----------|-----------|
| 21200 | 52D0 | uint | 2 | - | Profile Records Index Register | 1 | | ✓ | ✓ |
| 21202 | 52D2 | uint | 2 | - | Voltage Records Index Register | 1 | | ✓ | ✓ |
| 21204 | 52D4 | uint | 2 | - | Current Records Index Register | 1 | | ✓ | ✓ |
| 21206 | 52D6 | uint | 2 | - | Power Records Index Register | 1 | | ✓ | ✓ |
| 21208 | 52D8 | uint | 2 | - | THD Records Index Register | 1 | | ✓ | ✓ |

Profile Records

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 23000 | 28 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|---|-----------|-----------|-----------|-----------|
| 23000 | 59D8 | uint | 2 | Unix Time | Record Start Time | 1 | | ✓ | ✓ |
| 23002 | 59DA | uint | 2 | Unix Time | Record End Time | 1 | | ✓ | ✓ |
| 23004 | 59DC | uint | 2 | W | Consumed Active Energy | 1 | | ✓ | ✓ |
| 23006 | 59DE | uint | 2 | VAR | Q1 Reactive Energy | 1 | | ✓ | ✓ |
| 23008 | 59E0 | uint | 2 | VAR | Q4 Reactive Energy | 1 | | ✓ | ✓ |
| 23010 | 59E2 | uint | 2 | VA | Consumed Apparent Energy | 1 | | ✓ | ✓ |
| 23012 | 59E4 | uint | 2 | W | Delivered Active Energy | 1 | | ✓ | ✓ |
| 23014 | 59E6 | uint | 2 | VAR | Q2 Reactive Energy | 1 | | ✓ | ✓ |
| 23016 | 59E8 | uint | 2 | VAR | Q3 Reactive Energy | 1 | | ✓ | ✓ |
| 23018 | 59EA | uint | 2 | VA | Delivered Apparent Energy | 1 | | ✓ | ✓ |
| 23020 | 59EC | uint | 2 | W | Consumed Active Energy Tariff Generator | 1 | | ✓ | ✓ |
| 23022 | 59EE | ushort | 1 | - | Pulse Counter 1 | 1 | | ✓ | ✓ |
| 23023 | 59EF | ushort | 1 | - | Pulse Counter 2 | 1 | | ✓ | ✓ |
| 23024 | 59F0 | ushort | 1 | - | Pulse Counter 3 | 1 | | ✓ | ✓ |
| 23025 | 59F1 | ushort | 1 | - | Pulse Counter 4 | 1 | | ✓ | ✓ |
| 23026 | 59F2 | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |

Current Records

| Supported Functions | Start Address | Register Counts |
|------------------------|---------------|-----------------|
| Read holding registers | 24000 | 30 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|---------------------|-----------|-----------|-----------|-----------|
| 24000 | 5DC0 | uint | 2 | Unix Time | Record End Time | 1 | | ✓ | ✓ |
| 24002 | 5DC2 | uint | 2 | Unix Time | Record Start Time | 1 | | ✓ | ✓ |
| 24004 | 5DC4 | uint | 2 | A | Average Current IL1 | 0.001 | | ✓ | ✓ |
| 24006 | 5DC6 | uint | 2 | A | Average Current IL2 | 0.001 | | ✓ | ✓ |
| 24008 | 5DC8 | uint | 2 | A | Average Current IL3 | 0.001 | | ✓ | ✓ |
| 24010 | 5DCA | uint | 2 | A | Average Current ILN | 0.001 | | ✓ | ✓ |
| 24012 | 5DCC | uint | 2 | A | Max Current IL1 | 0.001 | | ✓ | ✓ |
| 24014 | 5DCE | uint | 2 | A | Max Current IL2 | 0.001 | | ✓ | ✓ |
| 24016 | 5DD0 | uint | 2 | A | Max Current IL3 | 0.001 | | ✓ | ✓ |
| 24018 | 5DD2 | uint | 2 | A | Max Current ILN | 0.001 | | ✓ | ✓ |
| 24020 | 5DD4 | uint | 2 | A | Min Current IL1 | 0.001 | | ✓ | ✓ |
| 24022 | 5DD6 | uint | 2 | A | Min Current IL2 | 0.001 | | ✓ | ✓ |
| 24024 | 5DD8 | uint | 2 | A | Min Current IL3 | 0.001 | | ✓ | ✓ |
| 24026 | 5DDA | uint | 2 | A | Min Current ILN | 0.001 | | ✓ | ✓ |
| 24028 | 5DDC | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |

Voltage Records

| Supported Functions | Start Address | Register Counts |
|---------------------|---------------|-----------------|
|---------------------|---------------|-----------------|

| | | |
|------------------------|-------|----|
| Read holding registers | 25000 | 54 |
|------------------------|-------|----|

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|-------------------|-----------|-----------|-----------|-----------|
| 25000 | 61A8 | uint | 2 | - | Record End Time | 1 | | ✓ | ✓ |
| 25002 | 61AA | uint | 2 | Unix Time | Record Start Time | 1 | | ✓ | ✓ |
| 25004 | 61AC | uint | 2 | V | Voltage L1-N | 0.1 | | ✓ | ✓ |
| 25006 | 61AE | uint | 2 | V | Voltage L2-N | 0.1 | | ✓ | ✓ |
| 25008 | 61B0 | uint | 2 | V | Voltage L3-N | 0.1 | | ✓ | ✓ |
| 25010 | 61B2 | uint | 2 | V | Voltage L4-N | 0.1 | | ✓ | ✓ |
| 25012 | 61B4 | uint | 2 | V | Voltage L1-L2 | 0.1 | | ✓ | ✓ |
| 25014 | 61B6 | uint | 2 | V | Voltage L2-L3 | 0.1 | | ✓ | ✓ |
| 25016 | 61B8 | uint | 2 | V | Voltage L3-L1 | 0.1 | | ✓ | ✓ |
| 25018 | 61BA | uint | 2 | Hz | Frequency | 0.01 | | ✓ | ✓ |
| 25020 | 61BC | uint | 2 | V | Voltage L1-N | 0.1 | | ✓ | ✓ |
| 25022 | 61BE | uint | 2 | V | Voltage L2-N | 0.1 | | ✓ | ✓ |
| 25024 | 61C0 | uint | 2 | V | Voltage L3-N | 0.1 | | ✓ | ✓ |
| 25026 | 61C2 | uint | 2 | V | Voltage L4-N | 0.1 | | ✓ | ✓ |
| 25028 | 61C4 | uint | 2 | V | Voltage L1-L2 | 0.1 | | ✓ | ✓ |
| 25030 | 61C6 | uint | 2 | V | Voltage L2-L3 | 0.1 | | ✓ | ✓ |
| 25032 | 61C8 | uint | 2 | V | Voltage L3-L1 | 0.1 | | ✓ | ✓ |
| 25034 | 61CA | uint | 2 | Hz | Frequency | 0.01 | | ✓ | ✓ |
| 25036 | 61CC | uint | 2 | V | Voltage L1-N | 0.1 | | ✓ | ✓ |
| 25038 | 61CE | uint | 2 | V | Voltage L2-N | 0.1 | | ✓ | ✓ |
| 25040 | 61D0 | uint | 2 | V | Voltage L3-N | 0.1 | | ✓ | ✓ |
| 25042 | 61D2 | uint | 2 | V | Voltage L4-N | 0.1 | | ✓ | ✓ |
| 25044 | 61D4 | uint | 2 | V | Voltage L1-L2 | 0.1 | | ✓ | ✓ |
| 25046 | 61D6 | uint | 2 | V | Voltage L2-L3 | 0.1 | | ✓ | ✓ |
| 25048 | 61D8 | uint | 2 | V | Voltage L3-L1 | 0.1 | | ✓ | ✓ |
| 25050 | 61DA | uint | 2 | Hz | Frequency | 0.01 | | ✓ | ✓ |
| 25052 | 61DC | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |

Power Records

| | | |
|------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 26000 | 64 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|--|-----------|-----------|-----------|-----------|
| 26000 | 6590 | uint | 2 | Unix Time | Record End Time | 1 | | ✓ | ✓ |
| 26002 | 6592 | uint | 2 | Unix Time | Record Start Time | 1 | | ✓ | ✓ |
| 26004 | 6594 | float | 2 | W | Total Import Active Power | 1 | | ✓ | ✓ |
| 26006 | 6596 | float | 2 | | Total Export Active Power | 1 | | ✓ | ✓ |
| 26008 | 6598 | float | 2 | VAR | Quadrant 1 average total reactive power | 1 | | ✓ | ✓ |
| 26010 | 659A | float | 2 | VAR | Quadrant 2 average total reactive power | 1 | | ✓ | ✓ |
| 26012 | 659C | float | 2 | | Quadrant 3 average total ractive power | 1 | | ✓ | ✓ |
| 26014 | 659E | float | 2 | | Quadrant 4 average total reactive power | 1 | | ✓ | ✓ |
| 26016 | 65A0 | float | 2 | VA | Average total import apparent power | 1 | | ✓ | ✓ |
| 26018 | 65A2 | float | 2 | W | Average total export apparent power | 1 | | ✓ | ✓ |
| 26020 | 65A4 | uint | 2 | - | Average total inductive import cosphi value | 0.001 | | ✓ | ✓ |
| 26022 | 65A6 | uint | 2 | - | Average total capacitive import cosphi value | 0.001 | | ✓ | ✓ |
| 26024 | 65A8 | uint | 2 | - | Average total inductive export cosphi value | 0.001 | | ✓ | ✓ |
| 26026 | 65AA | uint | 2 | - | Average total capacitive export cosphi value | 0.001 | | ✓ | ✓ |
| 26028 | 65AC | uint | 2 | - | Average total PF | 0.001 | | ✓ | ✓ |
| 26030 | 65AE | float | 2 | W | Max. Total import active power | 1 | | ✓ | ✓ |
| 26032 | 65B0 | float | 2 | W | Max. Total export active power | 1 | | ✓ | ✓ |
| 26034 | 65B2 | float | 2 | VAR | Max. Total Q1 Reactive Power | 1 | | ✓ | ✓ |
| 26036 | 65B4 | float | 2 | VAR | Max. Total Q2 Reactive Power | 1 | | ✓ | ✓ |
| 26038 | 65B6 | float | 2 | VAR | Max. Total Q3 Reactive Power | 1 | | ✓ | ✓ |
| 26040 | 65B8 | float | 2 | VAR | Max. Total Q4 Reactive Power | 1 | | ✓ | ✓ |
| 26042 | 65BA | float | 2 | VA | Max. Total Import Apparent Power | 1 | | ✓ | ✓ |
| 26044 | 65BC | float | 2 | VA | Max. Total Export Apparent Power | 1 | | ✓ | ✓ |
| 26046 | 65BE | float | 2 | W | Min. Total Import Active Power | 1 | | ✓ | ✓ |
| 26048 | 65C0 | float | 2 | W | Min. Total Export Active Power | 1 | | ✓ | ✓ |
| 26050 | 65C2 | float | 2 | VAR | Min. Total Q1 Reactive Power | 1 | | ✓ | ✓ |
| 26052 | 65C4 | float | 2 | VAR | Min. Total Q2 Reactive Power | 1 | | ✓ | ✓ |
| 26054 | 65C6 | float | 2 | VAR | Min. Total Q3 Reactive Power | 1 | | ✓ | ✓ |
| 26056 | 65C8 | float | 2 | VAR | Min. Total Q4 Reactive Power | 1 | | ✓ | ✓ |
| 26058 | 65CA | float | 2 | VA | Min. Total Import Apparent Power | 1 | | ✓ | ✓ |
| 26060 | 65CC | float | 2 | VA | Min. Total Export Apparent Power | 1 | | ✓ | ✓ |
| 26062 | 65CE | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |

THD Records

| | | |
|------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 27000 | 60 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|-----------|--|-----------|-----------|-----------|-----------|
| 27000 | 6978 | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |
| 27002 | 697A | uint | 2 | Unix Time | Record Time | 1 | | ✓ | ✓ |
| 27004 | 697C | uint | 2 | % | Average Total Harmonic Distorsion VL1 | 0.1 | | ✓ | ✓ |
| 27006 | 697E | uint | 2 | % | Average Total Harmonic Distorsion VL2 | 0.1 | | ✓ | ✓ |
| 27008 | 6980 | uint | 2 | % | Average Total Harmonic Distorsion VL3 | 0.1 | | ✓ | ✓ |
| 27010 | 6982 | uint | 2 | % | Average Total Harmoic Distorsion VLL12 | 0.1 | | ✓ | ✓ |
| 27012 | 6984 | uint | 2 | % | Average Total Harmoic Distorsion VLL23 | 0.1 | | ✓ | ✓ |
| 27014 | 6986 | uint | 2 | % | Average Total Harmoic Distorsion VLL31 | 0.1 | | ✓ | ✓ |
| 27016 | 6988 | uint | 2 | % | Average Total Harmonic Distorsion IL1 | 0.1 | | ✓ | ✓ |
| 27018 | 698A | uint | 2 | % | Average Total Harmonic Distorsion IL2 | 0.1 | | ✓ | ✓ |
| 27020 | 698C | uint | 2 | % | Average Total Harmonic Distorsion IL3 | 0.1 | | ✓ | ✓ |
| 27022 | 698E | uint | 2 | % | Max Total Harmonic Distorsion VL1 | 0.1 | | ✓ | ✓ |
| 27024 | 6990 | uint | 2 | % | Max Total Harmonic Distorsion VL2 | 0.1 | | ✓ | ✓ |
| 27026 | 6992 | uint | 2 | % | Max Total Harmonic Distorsion VL3 | 0.1 | | ✓ | ✓ |
| 27028 | 6994 | uint | 2 | % | Max Total Harmoic Distorsion VLL12 | 0.1 | | ✓ | ✓ |
| 27030 | 6996 | uint | 2 | % | Max Total Harmoic Distorsion VLL23 | 0.1 | | ✓ | ✓ |
| 27032 | 6998 | uint | 2 | % | Max otal Harmoic Distorsion VLL31 | 0.1 | | ✓ | ✓ |
| 27034 | 699A | uint | 2 | % | Max Total Harmonic Distorsion IL1 | 0.1 | | ✓ | ✓ |
| 27036 | 699C | uint | 2 | % | Max Total Harmonic Distorsion IL2 | 0.1 | | ✓ | ✓ |
| 27038 | 699E | uint | 2 | % | Max Total Harmonic Distorsion IL3 | 0.1 | | ✓ | ✓ |
| 27040 | 69A0 | uint | 2 | % | Min Total Harmonic Distorsion VL1 | 0.1 | | ✓ | ✓ |
| 27042 | 69A2 | uint | 2 | % | Min Total Harmonic Distorsion VL2 | 0.1 | | ✓ | ✓ |
| 27044 | 69A4 | uint | 2 | % | Min Total Harmonic Distorsion VL3 | 0.1 | | ✓ | ✓ |
| 27046 | 69A6 | uint | 2 | % | Min Total Harmoic Distorsion VLL12 | 0.1 | | ✓ | ✓ |
| 27048 | 69A8 | uint | 2 | % | Min Total Harmoic Distorsion VLL23 | 0.1 | | ✓ | ✓ |
| 27050 | 69AA | uint | 2 | % | Min Total Harmoic Distorsion VLL31 | 0.1 | | ✓ | ✓ |
| 27052 | 69AC | uint | 2 | % | Min Total Harmonic Distorsion IL1 | 0.1 | | ✓ | ✓ |
| 27054 | 69AE | uint | 2 | % | Min Total Harmonic Distorsion IL2 | 0.1 | | ✓ | ✓ |
| 27056 | 69B0 | uint | 2 | % | Min Total Harmonic Distorsion IL3 | 0.1 | | ✓ | ✓ |
| 27058 | 69B2 | uint | 2 | - | Record Index | 1 | | ✓ | ✓ |

Device Identification

| | | |
|------------------------|---------------|-----------------|
| Supported Functions | Start Address | Register Counts |
| Read holding registers | 60416 | 16 |

| Address Hex | Format | Word Counts | Unit | Remarks | Multiplier | MPR255-22 | MPR265-21 | MPR275-23 | MPR285-32 |
|-------------|--------|-------------|------|---------|--------------------------|-----------|-----------|-----------|-----------|
| 60416 | EC00 | ushort | 1 | - | Device ID | 1 | ✓ | ✓ | ✓ |
| 60417 | EC01 | ushort | 1 | - | Device ID && Versiyon No | 1 | ✓ | ✓ | ✓ |
| 60418 | EC02 | uint | 2 | - | Serial Number | 1 | ✓ | ✓ | ✓ |
| 60420 | EC04 | uint | 2 | - | Software Version | 1 | ✓ | ✓ | ✓ |
| 60422 | EC06 | uint | 2 | - | Hardware Version | 1 | ✓ | ✓ | ✓ |
| 60424 | EC08 | uint | 2 | - | Modbus Table Version | 1 | ✓ | ✓ | ✓ |
| 60426 | EC0A | uint | 2 | - | Boot loader version | 1 | ✓ | ✓ | ✓ |

| | | | | | | | | | | |
|-------|------|------|---|-----------|------------------|---|---|---|---|---|
| 60428 | ECOC | uint | 2 | Unix Time | Fabrication Date | 1 | ✓ | ✓ | ✓ | ✓ |
| 60430 | ECOE | uint | 2 | Unix Time | Calibration Date | 1 | ✓ | ✓ | ✓ | ✓ |

| MODEL | Available Features |
|--------|---------------------------------------|
| MPR45 | Work Hour, Event Logs |
| MPR45S | Work Hour, Alarm, Records, Event Logs |
| MPR46 | Work Hour, Event Logs |
| MPR46S | Work Hour, Alarm, Records, Event Logs |
| MPR47S | Work Hour, Alarm, Records, Event Logs |