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| **Modbus Slave Interface for Simple PDU-VPN Series** |
| v 1.4 |
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|  |
|  |
| **Vick Wang** |
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| --- | --- | --- | --- |
| Version | Author | Date | Description |
| 1.0 | Vick Wang | 2020/06/09 | First edition. |
| 1.1 | Vick Wang | 2020/10/30 | 1. Modify AI response data to two decimal places |
| 1.2 | Vick Wang | 2021/03/08 | 1. Modified Available Parameters |
| 1.3 | Vick Wang | 2021/03/30 | 1. Modified Available Parameters |
| 1.4 | Grace Wu | 2023/05/09 | 1. Add Inlet L1/L2/L3 CB1, CB2 Power factor. 2. Add Inlet surge protection valid and status. |

# MODBUS RTU Interface

## Implementation Overview

The following options have been implemented:

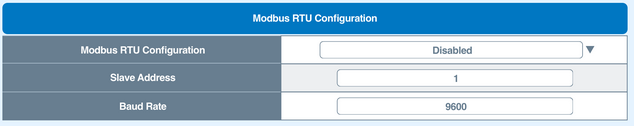
|  |  |  |
| --- | --- | --- |
| General Setting | | |
| Parameter | Options | Remark |
| addressing | address configurable from 1 to 247 (default 1) | configured via web page |
| broadcast support | yes |  |
| baud rate | 9600  19200  38400  57600  115200 (default) | configured via web page |
| electrical interface | RS485 with 2W-cabling |  |
| data bits | 8 |  |
| stop bits | 1 |  |
| parity bit | none |  |

## Termination

For best quality of data transfer Modbus must be terminated correctly. Termination resistors should be placed only at the extreme ends of the data line, and no more than two terminations should be placed in any system that does not use repeaters.

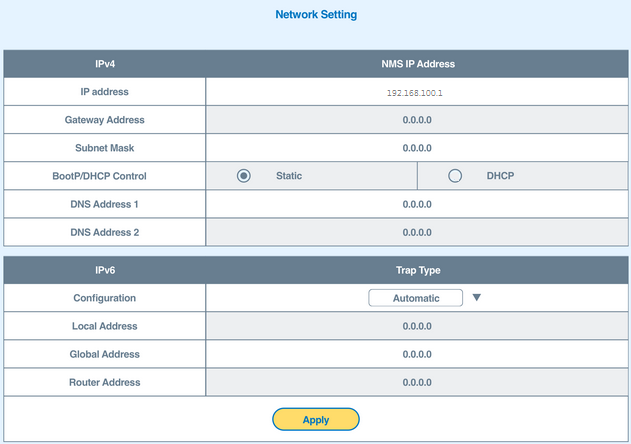
## Changing slave address and baud rate

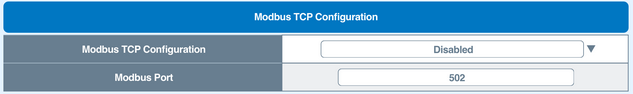
Default instruments will be delivered to customers on address 1 and with a baud rate of 115200 baud. The slave address and baud rate of inSentry 3 can be changed via web page.



# Modbus TCP Interface

The IP address of the instrument can be changed via web page. The default address source is Static and address is assigned to 192.168.100.1. Parameters for the Subnet Mask and Gateway Address are also available for configuration, and should also be configured properly.





# Functional Description

## Response Time

This slave device will respond on each valid request from the master within 100ms. This means that the response timeout setting of the master should be set to a value larger than or equal to 100ms.

## Supported Modbus Function

This section describes the supported Modbus function codes.

### ~~Read Coil (01)~~

~~This function code is used to read from 1 to 2000 contiguous status of coils in a remote device. The Request PDU specifies the starting address, i.e. the address of the first coil specified, and the number of coils. In the PDU Coils are addressed starting at zero. Therefore coils numbered 1-16 are addressed as 0-15. As the bits are transmitted serially, they flow from LSB to MSB. If the returned output quantity is not a multiple of eight, the remaining bits in the final data byte will be padded with zeros. The Byte Count field specifies the quantity of complete bytes of data.~~

~~Here is an example of a request to read discrete outputs 20–38. As the bits are transmitted serially, they flow from LSB to MSB: 20 . . . 27, 28 . . . 35, and so on. In the last data byte, the status of outputs 36-38 and output 36 is the LSB of this byte. The five remaining high order bits are zero filled.~~

|  |  |  |
| --- | --- | --- |
| ~~Request~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x01~~ |
| ~~Starting Address~~ | ~~2 bytes~~ | ~~0x0000 to 0xFFFF~~ |
| ~~Quantity of Coils~~ | ~~2 bytes~~ | ~~0x0001 to 0x07D0~~ |

|  |  |  |
| --- | --- | --- |
| ~~Response~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x01~~ |
| ~~Byte Count~~ | ~~1 bytes~~ | ~~N~~~~\*2~~ |
| ~~Coil Status~~ | ~~n bytes~~ | ~~n = N or N + 1~~ |

~~Note~~~~\*2~~~~: N = Quantity of Coils / 8, if the remainder is different of 0 ⇒ N = N+1~~

|  |  |  |
| --- | --- | --- |
| ~~Possible exception responses (Error Code : 0x81)~~ | | |
| ~~02~~ | ~~ILLEGAL DATA ADDRESS~~ | ~~in case of reading of non-existing address~~ |
| ~~03~~ | ~~ILLEGAL DATA VALUE~~ | ~~in case of reading less than 1 or more than 2000 coils~~ |
| ~~04~~ | ~~SLAVE DEVICE FAILURE~~ | ~~in case of reading a write-only coil~~ |

### Read Holding Register (03)

This function code is used to read the contents of a contiguous block of holding registers in a remote device. The Request PDU specifies the starting register address and the number of registers. In the PDU Registers are addressed starting at zero. Therefore registers numbered 1-16 are addressed as 0-15. The register data in the response message are packed as two bytes per register, with the binary contents right justified within each byte. For each register, the first byte contains the high order bits and the second contains the low order bits.

|  |  |  |
| --- | --- | --- |
| **Request** | | |
| Function Code | 1 byte | 0x03 |
| Starting Address | 2 bytes | 0x0000 to 0xFFFF |
| Quantity of Registers | 2 bytes | 0x0001 to 0x007D |

|  |  |  |
| --- | --- | --- |
| **Response** | | |
| Function Code | 1 byte | 0x03 |
| Byte Count | 1 byte | 2 x N\*1 |
| Registers Value | 2 x N bytes | value |

Note: N\*1 = Quantity of Registers

|  |  |  |
| --- | --- | --- |
| **Possible exception responses (Error Code : 0x83)** | | |
| 02 | ILLEGAL DATA ADDRESS | in case of reading of non-existing address, or reading a part of a multi register parameter (float, long, etc) |
| 03 | ILLEGAL DATA VALUE | in case of reading less than 1 or more than 125 registers |
| 04 | SLAVE DEVICE FAILURE | in case of reading a write-only register |

### ~~Write Single Coil (05)~~

~~This function code is used to write a single output to either ON or OFF in a remote device. The requested ON/OFF state is specified by a constant in the request data field. A value of FF 00 hex requests the output to be ON. A value of 00 00 requests it to be OFF. All other values are illegal and will not affect the output. The Request PDU specifies the address of the coil to be forced. Coils are addressed starting at zero. Therefore coil numbered 1 is addressed as 0.~~

|  |  |  |
| --- | --- | --- |
| ~~Request~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x05~~ |
| ~~Output Address~~ | ~~2 bytes~~ | ~~0x0000 to 0xFFFF~~ |
| ~~Output Value~~ | ~~2 bytes~~ | ~~0x0000 or 0xFF00~~ |

|  |  |  |
| --- | --- | --- |
| ~~Response~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x05~~ |
| ~~Output Address~~ | ~~2 bytes~~ | ~~0x0000 to 0xFFFF~~ |
| ~~Output Value~~ | ~~2 bytes~~ | ~~0x0000 to 0xFF00~~ |

|  |  |  |
| --- | --- | --- |
| ~~Possible exception responses (Error Code : 0x85)~~ | | |
| ~~ILLEGAL DATA ADDRESS~~ | ~~in case of writing of non-existing address~~ |
| ~~ILLEGAL DATA VALUE~~ | ~~in case of writing less than 1 coil or more than 1 coil~~ |
| ~~SLAVE DEVICE FAILURE~~ | ~~in case of writing a read-only register~~ |

### Write Single Register (06)

This function code is used to write a single holding register in a remote device. The Request PDU specifies the address of the register to be written. Registers are addressed starting at zero. Therefore register numbered 1 is addressed as 0. The normal response is an echo of the request, returned after the register contents have been written.

|  |  |  |
| --- | --- | --- |
| **Request** | | |
| Function Code | 1 byte | 0x06 |
| Register Address | 2 bytes | 0x0000 to 0xFFFF |
| Register Value | 2 bytes | 0x0000 to 0xFFFF |

|  |  |  |
| --- | --- | --- |
| **Response** | | |
| Function Code | 1 byte | 0x06 |
| Register Address | 2 bytes | 0x0000 to 0xFFFF |
| Register Value | 2 bytes | 0x0000 to 0xFFFF |

|  |  |  |
| --- | --- | --- |
| **Possible exception responses (Error Code : 0x86)** | | |
| 02 | ILLEGAL DATA ADDRESS | in case of writing to non-existing address, or writing to a part of a multi register parameter (float, long, etc) |
| 03 | ILLEGAL DATA VALUE | in case of writing less than 1 or more than 1 register |
| 04 | SLAVE DEVICE FAILURE | in case of writing a read-only register or writing illegal value to register |

### ~~Write Multiple Coils (15)~~

~~This function code is used to force each coil in a sequence of coils to either ON or OFF in a remote device. The Request PDU specifies the coil references to be forced. Coils are addressed starting at zero. Therefore coil numbered 1 is addressed as 0. The requested ON/OFF states are specified by contents of the request data field. A logical '1' in a bit position of the field requests the corresponding output to be ON. A logical '0' requests it to be OFF.~~

|  |  |  |
| --- | --- | --- |
| ~~Request~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x0F~~ |
| ~~Starting Address~~ | ~~2 bytes~~ | ~~0x0000 to 0xFFFF~~ |
| ~~Quantity of Outputs~~ | ~~2 bytes~~ | ~~0x0000 to 0x07B0~~ |
| ~~Byte Count~~ | ~~1 byte~~ | ~~N~~~~\*2~~ |
| ~~Outputs Value~~ | ~~N bytes~~ |  |

~~Note~~~~\*2~~~~: \*N = Quantity of Outputs / 8, if the remainder is different of 0 ⇒ N = N+1~~

|  |  |  |
| --- | --- | --- |
| ~~Response~~ | | |
| ~~Function Code~~ | ~~1 byte~~ | ~~0x0F~~ |
| ~~Starting Address~~ | ~~2 bytes~~ | ~~0x0000 to 0xFFFF~~ |
| ~~Quantity of Outputs~~ | ~~2 bytes~~ | ~~0x0000 to 0x07B0~~ |

|  |  |  |
| --- | --- | --- |
| ~~Possible exception responses (Error Code : 0x8F)~~ | | |
| ~~02~~ | ~~ILLEGAL DATA ADDRESS~~ | ~~in case of writing to non-existing address~~ |
| ~~03~~ | ~~ILLEGAL DATA VALUE~~ | ~~in case of writing less than 1 coil or more than 0x7B0 coil~~ |
| ~~04~~ | ~~SLAVE DEVICE FAILURE~~ | ~~in case of writing a read-only coil or writing illegal value to coil~~ |

### Write Multiple Register (16)

This function code is used to write a block of contiguous registers (1 to 123 registers) in a remote device.

The requested written values are specified in the request data field. Data is packed as two bytes per register. The normal response returns the function code, starting address, and quantity of registers written.

|  |  |  |
| --- | --- | --- |
| **Request** | | |
| Function Code | 1 byte | 0x10 |
| Starting Address | 2 bytes | 0x0000 to 0xFFFF |
| Quantity of Registers | 2 bytes | 0x0001 to 0x007B |
| Byte Count | 1 byte | 2 x N\*1 |
| Registers Value | 2 x N\*1 bytes | value |

Note: N\*1 = Quantity of Registers

|  |  |  |
| --- | --- | --- |
| **Response** | | |
| Function Code | 1 byte | 0x10 |
| Starting Address | 2 bytes | 0x0000 to 0xFFFF |
| Quantity of Registers | 2 bytes | 0x0001 to 0x007B |

|  |  |  |
| --- | --- | --- |
| **Possible exception responses (Error Code : 0x90)** | | |
| 02 | ILLEGAL DATA ADDRESS | in case of writing to non-existing address, or writing to a part of a multi register parameter (float, long, etc) |
| 03 | ILLEGAL DATA VALUE | in case of writing less than 1 or more than 123 register |
| 04 | SLAVE DEVICE FAILURE | in case of writing a read-only register or writing illegal value to register |

### Available Parameters

Modbus registers (in the data model) are numbered from 1 to 65536. In a Modbus PDU (Protocol Data Unit) these registers are addressed from 0 to 65535. The following table lists the most commonly used parameters.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| MODBUS REGISTER | | | | | | |
| Parameter Name | Parameter Type | Access | PDU Address (DEC) | Size | MIB ID | Remark |
| Inlet L1 Voltage | int | RO | 40001 | 2 bytes | MIB\_PDU\_INLET\_VOLTAGE\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet L2 Voltage | int | RO | 40002 | 2 bytes | MIB\_PDU\_INLET\_VOLTAGE\_AC1[1] | value = real-value x 10 |
| Inlet L3 Voltage | int | RO | 40003 | 2 bytes | MIB\_PDU\_INLET\_VOLTAGE\_AC1[2] | value = real-value x 10 |
| CB1 L1 Current | int | RO | 40004 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CURRENT\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| CB1 L2 Current | int | RO | 40005 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CURRENT\_AC1[1] | value = real-value x 100 |
| CB1 L3 Current | int | RO | 40006 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CURRENT\_AC1[2] | value = real-value x 100 |
| CB2 L1 Current | int | RO | 40007 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CURRENT\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| CB2 L2 Current | int | RO | 40008 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CURRENT\_AC1[1] | value = real-value x 100 |
| CB2 L3 Current | int | RO | 40009 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CURRENT\_AC1[2] | value = real-value x 100 |
| Total L1 Current | int | RO | 40010 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CURRENT\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| Total L2 Current | int | RO | 40011 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CURRENT\_AC1[1] | value = real-value x 100 |
| Total L3 Current | int | RO | 40012 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CURRENT\_AC1[2] | value = real-value x 100 |
| Inlet L1 Status | int | RO | 40013 | 2 bytes | MIB\_PDU\_INLET\_STATUS\_AC1[0] | 0:normal; 1:warning; 2:critical |
| Inlet L2 Status | int | RO | 40014 | 2 bytes | MIB\_PDU\_INLET\_STATUS\_AC1[1] | 0:normal; 1:warning; 2:critical |
| Inlet L3 Status | int | RO | 40015 | 2 bytes | MIB\_PDU\_INLET\_STATUS\_AC1[2] | 0:normal; 1:warning; 2:critical |
| Load Balance | int | RO | 40016 | 2 bytes | MIB\_PDU\_INLET\_LOAD\_BALANCE\_VALUE\_AC1[0] | value = real-value x 10 |
| Load Balance Status | int | RO | 40017 | 2 bytes | MIB\_PDU\_INLET\_LOAD\_BALANCE\_STATUS\_AC1[0] | 0:normal; 1:warning; 2:critical |
| Residual Current | int | RO | 40018 | 2 bytes | MIB\_PDU\_INLET\_RESIDUAL\_CURRENT\_AC1[0] | value = real-value x 100 |
| Residual Current Status | int | RO | 40019 | 2 bytes | MIB\_PDU\_INLET\_RESIDUAL\_CURRENT\_STATUS\_AC1[0] | 0:normal; 1:warning; 2:critical |
| Inlet L1 Frequency | int | RO | 40020 | 2 bytes | MIB\_PDU\_INLET\_FREQUENCY\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| Inlet L2 Frequency | int | RO | 40021 | 2 bytes | MIB\_PDU\_INLET\_FREQUENCY\_AC1[1] | value = real-value x 100 |
| Inlet L3 Frequency | int | RO | 40022 | 2 bytes | MIB\_PDU\_INLET\_FREQUENCY\_AC1[2] | value = real-value x 100 |
| Inlet L1 Power Factor | int | RO | 40023 | 2 bytes | MIB\_PDU\_INLET\_POWER\_FACTOR\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet L2 Power Factor | int | RO | 40024 | 2 bytes | MIB\_PDU\_INLET\_POWER\_FACTOR\_AC1[1] | value = real-value x 10 |
| Inlet L3 Power Factor | int | RO | 40025 | 2 bytes | MIB\_PDU\_INLET\_POWER\_FACTOR\_AC1[2] | value = real-value x 10 |
| EMD\_1 Temperature | int | RO | 40026 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[0] | value = real-value x 10; 0x8000:NA |
| EMD\_2 Temperature | int | RO | 40027 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[1] | value = real-value x 10; 0x8000:NA |
| EMD\_3 Temperature | int | RO | 40028 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[2] | value = real-value x 10; 0x8000:NA |
| EMD\_4 Temperature | int | RO | 40029 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[3] | value = real-value x 10; 0x8000:NA |
| EMD\_5 Temperature | int | RO | 40030 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[4] | value = real-value x 10; 0x8000:NA |
| EMD\_6 Temperature | int | RO | 40031 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[5] | value = real-value x 10; 0x8000:NA |
| EMD\_7 Temperature | int | RO | 40032 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[6] | value = real-value x 10; 0x8000:NA |
| EMD\_8 Temperature | int | RO | 40033 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_VALUE[7] | value = real-value x 10; 0x8000:NA |
| EMD\_1 Humidity | int | RO | 40034 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[0] | value = real-value x 10; 0x8000:NA |
| EMD\_2 Humidity | int | RO | 40035 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[1] | value = real-value x 10; 0x8000:NA |
| EMD\_3 Humidity | int | RO | 40036 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[2] | value = real-value x 10; 0x8000:NA |
| EMD\_4 Humidity | int | RO | 40037 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[3] | value = real-value x 10; 0x8000:NA |
| EMD\_5 Humidity | int | RO | 40038 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[4] | value = real-value x 10; 0x8000:NA |
| EMD\_6 Humidity | int | RO | 40039 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[5] | value = real-value x 10; 0x8000:NA |
| EMD\_7 Humidity | int | RO | 40040 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[6] | value = real-value x 10; 0x8000:NA |
| EMD\_8 Humidity | int | RO | 40041 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_VALUE[7] | value = real-value x 10; 0x8000:NA |
| EMD\_1 Alarm1 | int | RO | 40042 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[0] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_2 Alarm1 | int | RO | 40043 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[1] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_3 Alarm1 | int | RO | 40044 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[2] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_4 Alarm1 | int | RO | 40045 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[3] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_5 Alarm1 | int | RO | 40046 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[4] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_6 Alarm1 | int | RO | 40047 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[5] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_7 Alarm1 | int | RO | 40048 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[6] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_8 Alarm1 | int | RO | 40049 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_VALUE[7] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_1 Alarm2 | int | RO | 40050 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[0] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_2 Alarm2 | int | RO | 40051 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[1] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_3 Alarm2 | int | RO | 40052 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[2] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_4 Alarm2 | int | RO | 40053 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[3] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_5 Alarm2 | int | RO | 40054 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[4] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_6 Alarm2 | int | RO | 40055 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[5] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_7 Alarm2 | int | RO | 40056 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[6] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_8 Alarm2 | int | RO | 40057 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_VALUE[7] | 0:disabled; 1:alarm inactive; 2:alarm active |
| EMD\_1 Address | int | RO | 40058 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[0] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_2 Address | int | RO | 40059 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[1] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_3 Address | int | RO | 40060 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[2] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_4 Address | int | RO | 40061 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[3] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_5 Address | int | RO | 40062 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[4] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_6 Address | int | RO | 40063 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[5] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_7 Address | int | RO | 40064 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[6] | EMD address = 1 ~ 8, 0 = NA |
| EMD\_8 Address | int | RO | 40065 | 2 bytes | MIB\_SENSOR\_EMD\_ADDRESS[7] | EMD address = 1 ~ 8, 0 = NA |
| Inlet L1 Active Power | int | RO | 40066 | 4 bytes | MIB\_PDU\_INLET\_ACTIVE\_POWER\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet L2 Active Power | int | RO | 40068 | 4 bytes | MIB\_PDU\_INLET\_ACTIVE\_POWER\_AC1[1] | value = real-value x 10 |
| Inlet L3 Active Power | int | RO | 40070 | 4 bytes | MIB\_PDU\_INLET\_ACTIVE\_POWER\_AC1[2] | value = real-value x 10 |
| Inlet L1 Apparent Power | int | RO | 40072 | 4 bytes | MIB\_PDU\_INLET\_APPARENT\_POWER\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet L2 Apparent Power | int | RO | 40074 | 4 bytes | MIB\_PDU\_INLET\_APPARENT\_POWER\_AC1[1] | value = real-value x 10 |
| Inlet L3 Apparent Power | int | RO | 40076 | 4 bytes | MIB\_PDU\_INLET\_APPARENT\_POWER\_AC1[2] | value = real-value x 10 |
| Inlet L1 Reactive Power | int | RO | 40078 | 4 bytes | MIB\_PDU\_INLET\_REACTIVE\_POWER\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet L2 Reactive Power | int | RO | 40080 | 4 bytes | MIB\_PDU\_INLET\_REACTIVE\_POWER\_AC1[1] | value = real-value x 10 |
| Inlet L3 Reactive Power | int | RO | 40082 | 4 bytes | MIB\_PDU\_INLET\_REACTIVE\_POWER\_AC1[2] | value = real-value x 10 |
| Inlet Total Energy | int | RO | 40084 | 4 bytes | MIB\_PDU\_INLET\_TOTAL\_ENERGY\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| Inlet L1 Energy | int | RO | 40086 | 4 bytes | MIB\_PDU\_INLET\_ENERGY\_AC1[0] | value = real-value x 100, 0x8000 = NA |
| Inlet L2 Energy | int | RO | 40088 | 4 bytes | MIB\_PDU\_INLET\_ENERGY\_AC1[1] | value = real-value x 100 |
| Inlet L3 Energy | int | RO | 40090 | 4 bytes | MIB\_PDU\_INLET\_ENERGY\_AC1[2] | value = real-value x 100 |
| EMD\_1 FW Version | string | RO | 40092 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[0] |  |
| EMD\_2 FW Version | string | RO | 40108 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[1] |  |
| EMD\_3 FW Version | string | RO | 40124 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[2] |  |
| EMD\_4 FW Version | string | RO | 40140 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[3] |  |
| EMD\_5 FW Version | string | RO | 40156 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[4] |  |
| EMD\_6 FW Version | string | RO | 40172 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[5] |  |
| EMD\_7 FW Version | string | RO | 40188 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[6] |  |
| EMD\_8 FW Version | string | RO | 40204 | 32 bytes | MIB\_SENSOR\_EMD\_FW\_VERSION[7] |  |
| Inlet Load Balance Critical Set Point | int | RW | 40220 | 2 bytes | MIB\_PDU\_INLET\_CRIT\_LOAD\_BALANCE\_SET\_AC1[0] | value = real-value x 10 |
| Inlet Load Balance Warning Set Point | int | RW | 40221 | 2 bytes | MIB\_PDU\_INLET\_WARN\_LOAD\_BALANCE\_SET\_AC1[0] | value = real-value x 10 |
| Inlet CB1 L1 Critical Current Set Point | int | RW | 40222 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet CB1 L2 Critical Current Set Point | int | RW | 40223 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet CB1 L3 Critical Current Set Point | int | RW | 40224 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet CB1 L1 Warning Current Set Point | int | RW | 40225 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet CB1 L2 Warning Current Set Point | int | RW | 40226 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet CB1 L3 Warning Current Set Point | int | RW | 40227 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet CB2 L1 Critical Current Set Point | int | RW | 40228 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet CB2 L2 Critical Current Set Point | int | RW | 40229 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet CB2 L3 Critical Current Set Point | int | RW | 40230 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet CB2 L1 Warning Current Set Point | int | RW | 40231 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet CB2 L2 Warning Current Set Point | int | RW | 40232 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet CB2 L3 Warning Current Set Point | int | RW | 40233 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet L1 Critical Total Current Set Point | int | RW | 40234 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CRIT\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet L2 Critical Total Current Set Point | int | RW | 40235 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CRIT\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet L3 Critical Total Current Set Point | int | RW | 40236 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_CRIT\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet L1 Warning Total Current Set Point | int | RW | 40237 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_WARN\_OVER\_CURRENT\_SET\_AC1[0] | value = real-value x 100 |
| Inlet L2 Warning Total Current Set Point | int | RW | 40238 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_WARN\_OVER\_CURRENT\_SET\_AC1[1] | value = real-value x 100 |
| Inlet L3 Warning Total Current Set Point | int | RW | 40239 | 2 bytes | MIB\_PDU\_INLET\_TOTAL\_WARN\_OVER\_CURRENT\_SET\_AC1[2] | value = real-value x 100 |
| Inlet L1 Critical Voltage Set Point | int | RW | 40240 | 2 bytes | MIB\_PDU\_INLET\_CRIT\_OVER\_VOLTAGE\_SET\_AC1[0] | value = real-value x 10 |
| Inlet L2 Critical Voltage Set Point | int | RW | 40241 | 2 bytes | MIB\_PDU\_INLET\_CRIT\_OVER\_VOLTAGE\_SET\_AC1[1] | value = real-value x 10 |
| Inlet L3 Critical Voltage Set Point | int | RW | 40242 | 2 bytes | MIB\_PDU\_INLET\_CRIT\_OVER\_VOLTAGE\_SET\_AC1[2] | value = real-value x 10 |
| Inlet L1 Warning Voltage Set Point | int | RW | 40243 | 2 bytes | MIB\_PDU\_INLET\_WARN\_OVER\_VOLTAGE\_SET\_AC1[0] | value = real-value x 10 |
| Inlet L2 Warning Voltage Set Point | int | RW | 40244 | 2 bytes | MIB\_PDU\_INLET\_WARN\_OVER\_VOLTAGE\_SET\_AC1[1] | value = real-value x 10 |
| Inlet L3 Warning Voltage Set Point | int | RW | 40245 | 2 bytes | MIB\_PDU\_INLET\_WARN\_OVER\_VOLTAGE\_SET\_AC1[2] | value = real-value x 10 |
| EMD\_1 Temp. High Critical Enable | int | RW | 40246 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Temp. High Critical Enable | int | RW | 40247 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Temp. High Critical Enable | int | RW | 40248 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Temp. High Critical Enable | int | RW | 40249 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Temp. High Critical Enable | int | RW | 40250 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Temp. High Critical Enable | int | RW | 40251 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Temp. High Critical Enable | int | RW | 40252 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Temp. High Critical Enable | int | RW | 40253 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Temp. High Critical Set Point | int | RW | 40254 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[0] | value = real-value x 10 |
| EMD\_2 Temp. High Critical Set Point | int | RW | 40255 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[1] | value = real-value x 10 |
| EMD\_3 Temp. High Critical Set Point | int | RW | 40256 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[2] | value = real-value x 10 |
| EMD\_4 Temp. High Critical Set Point | int | RW | 40257 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[3] | value = real-value x 10 |
| EMD\_5 Temp. High Critical Set Point | int | RW | 40258 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[4] | value = real-value x 10 |
| EMD\_6 Temp. High Critical Set Point | int | RW | 40259 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[5] | value = real-value x 10 |
| EMD\_7 Temp. High Critical Set Point | int | RW | 40260 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[6] | value = real-value x 10 |
| EMD\_8 Temp. High Critical Set Point | int | RW | 40261 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_HIGH\_SET[7] | value = real-value x 10 |
| EMD\_1 Temp. Low Critical Enable | int | RW | 40262 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Temp. Low Critical Enable | int | RW | 40263 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Temp. Low Critical Enable | int | RW | 40264 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Temp. Low Critical Enable | int | RW | 40265 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Temp. Low Critical Enable | int | RW | 40266 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Temp. Low Critical Enable | int | RW | 40267 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Temp. Low Critical Enable | int | RW | 40268 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Temp. Low Critical Enable | int | RW | 40269 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Temp. Low Critical Set Point | int | RW | 40270 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[0] | value = real-value x 10 |
| EMD\_2 Temp. Low Critical Set Point | int | RW | 40271 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[1] | value = real-value x 10 |
| EMD\_3 Temp. Low Critical Set Point | int | RW | 40272 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[2] | value = real-value x 10 |
| EMD\_4 Temp. Low Critical Set Point | int | RW | 40273 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[3] | value = real-value x 10 |
| EMD\_5 Temp. Low Critical Set Point | int | RW | 40274 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[4] | value = real-value x 10 |
| EMD\_6 Temp. Low Critical Set Point | int | RW | 40275 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[5] | value = real-value x 10 |
| EMD\_7 Temp. Low Critical Set Point | int | RW | 40276 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[6] | value = real-value x 10 |
| EMD\_8 Temp. Low Critical Set Point | int | RW | 40277 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CRIT\_LOW\_SET[7] | value = real-value x 10 |
| EMD\_1 Temp. High Warning Enable | int | RW | 40278 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Temp. High Warning Enable | int | RW | 40279 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Temp. High Warning Enable | int | RW | 40280 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Temp. High Warning Enable | int | RW | 40281 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Temp. High Warning Enable | int | RW | 40282 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Temp. High Warning Enable | int | RW | 40283 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Temp. High Warning Enable | int | RW | 40284 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Temp. High Warning Enable | int | RW | 40285 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Temp. High Warning Set Point | int | RW | 40286 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[0] | value = real-value x 10 |
| EMD\_2 Temp. High Warning Set Point | int | RW | 40287 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[1] | value = real-value x 10 |
| EMD\_3 Temp. High Warning Set Point | int | RW | 40288 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[2] | value = real-value x 10 |
| EMD\_4 Temp. High Warning Set Point | int | RW | 40289 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[3] | value = real-value x 10 |
| EMD\_5 Temp. High Warning Set Point | int | RW | 40290 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[4] | value = real-value x 10 |
| EMD\_6 Temp. High Warning Set Point | int | RW | 40291 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[5] | value = real-value x 10 |
| EMD\_7 Temp. High Warning Set Point | int | RW | 40292 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[6] | value = real-value x 10 |
| EMD\_8 Temp. High Warning Set Point | int | RW | 40293 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_HIGH\_SET[7] | value = real-value x 10 |
| EMD\_1 Temp. Low Warning Enable | int | RW | 40294 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Temp. Low Warning Enable | int | RW | 40295 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Temp. Low Warning Enable | int | RW | 40296 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Temp. Low Warning Enable | int | RW | 40297 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Temp. Low Warning Enable | int | RW | 40298 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Temp. Low Warning Enable | int | RW | 40299 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Temp. Low Warning Enable | int | RW | 40300 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Temp. Low Warning Enable | int | RW | 40301 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Temp. Low Warning Set Point | int | RW | 40302 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[0] | value = real-value x 10 |
| EMD\_2 Temp. Low Warning Set Point | int | RW | 40303 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[1] | value = real-value x 10 |
| EMD\_3 Temp. Low Warning Set Point | int | RW | 40304 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[2] | value = real-value x 10 |
| EMD\_4 Temp. Low Warning Set Point | int | RW | 40305 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[3] | value = real-value x 10 |
| EMD\_5 Temp. Low Warning Set Point | int | RW | 40306 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[4] | value = real-value x 10 |
| EMD\_6 Temp. Low Warning Set Point | int | RW | 40307 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[5] | value = real-value x 10 |
| EMD\_7 Temp. Low Warning Set Point | int | RW | 40308 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[6] | value = real-value x 10 |
| EMD\_8 Temp. Low Warning Set Point | int | RW | 40309 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_WARN\_LOW\_SET[7] | value = real-value x 10 |
| EMD\_1 Temp. Calibration | int | RW | 40310 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[0] | value = 0 ~ 12 |
| EMD\_2 Temp. Calibration | int | RW | 40311 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[1] | value = 0 ~ 12 |
| EMD\_3 Temp. Calibration | int | RW | 40312 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[2] | value = 0 ~ 12 |
| EMD\_4 Temp. Calibration | int | RW | 40313 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[3] | value = 0 ~ 12 |
| EMD\_5 Temp. Calibration | int | RW | 40314 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[4] | value = 0 ~ 12 |
| EMD\_6 Temp. Calibration | int | RW | 40315 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[5] | value = 0 ~ 12 |
| EMD\_7 Temp. Calibration | int | RW | 40316 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[6] | value = 0 ~ 12 |
| EMD\_8 Temp. Calibration | int | RW | 40317 | 2 bytes | MIB\_SENSOR\_EMD\_TEMP\_CALIBRATION[7] | value = 0 ~ 12 |
| EMD\_1 Humi. High Critical Enable | int | RW | 40318 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Humi. High Critical Enable | int | RW | 40319 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Humi. High Critical Enable | int | RW | 40320 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Humi. High Critical Enable | int | RW | 40321 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Humi. High Critical Enable | int | RW | 40322 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Humi. High Critical Enable | int | RW | 40323 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Humi. High Critical Enable | int | RW | 40324 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Humi. High Critical Enable | int | RW | 40325 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Humi. High Critical Set Point | int | RW | 40326 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[0] | value = real-value x 10 |
| EMD\_2 Humi. High Critical Set Point | int | RW | 40327 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[1] | value = real-value x 10 |
| EMD\_3 Humi. High Critical Set Point | int | RW | 40328 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[2] | value = real-value x 10 |
| EMD\_4 Humi. High Critical Set Point | int | RW | 40329 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[3] | value = real-value x 10 |
| EMD\_5 Humi. High Critical Set Point | int | RW | 40330 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[4] | value = real-value x 10 |
| EMD\_6 Humi. High Critical Set Point | int | RW | 40331 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[5] | value = real-value x 10 |
| EMD\_7 Humi. High Critical Set Point | int | RW | 40332 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[6] | value = real-value x 10 |
| EMD\_8 Humi. High Critical Set Point | int | RW | 40333 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_HIGH\_SET[7] | value = real-value x 10 |
| EMD\_1 Humi. Low Critical Enable | int | RW | 40334 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Humi. Low Critical Enable | int | RW | 40335 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Humi. Low Critical Enable | int | RW | 40336 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Humi. Low Critical Enable | int | RW | 40337 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Humi. Low Critical Enable | int | RW | 40338 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Humi. Low Critical Enable | int | RW | 40339 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Humi. Low Critical Enable | int | RW | 40340 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Humi. Low Critical Enable | int | RW | 40341 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Humi. Low Critical Set Point | int | RW | 40342 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[0] | value = real-value x 10 |
| EMD\_2 Humi. Low Critical Set Point | int | RW | 40343 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[1] | value = real-value x 10 |
| EMD\_3 Humi. Low Critical Set Point | int | RW | 40344 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[2] | value = real-value x 10 |
| EMD\_4 Humi. Low Critical Set Point | int | RW | 40345 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[3] | value = real-value x 10 |
| EMD\_5 Humi. Low Critical Set Point | int | RW | 40346 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[4] | value = real-value x 10 |
| EMD\_6 Humi. Low Critical Set Point | int | RW | 40347 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[5] | value = real-value x 10 |
| EMD\_7 Humi. Low Critical Set Point | int | RW | 40348 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[6] | value = real-value x 10 |
| EMD\_8 Humi. Low Critical Set Point | int | RW | 40349 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CRIT\_LOW\_SET[7] | value = real-value x 10 |
| EMD\_1 Humi. High Warning Enable | int | RW | 40350 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Humi. High Warning Enable | int | RW | 40351 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Humi. High Warning Enable | int | RW | 40352 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Humi. High Warning Enable | int | RW | 40353 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Humi. High Warning Enable | int | RW | 40354 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Humi. High Warning Enable | int | RW | 40355 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Humi. High Warning Enable | int | RW | 40356 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Humi. High Warning Enable | int | RW | 40357 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Humi. High Warning Set Point | int | RW | 40358 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[0] | value = real-value x 10 |
| EMD\_2 Humi. High Warning Set Point | int | RW | 40359 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[1] | value = real-value x 10 |
| EMD\_3 Humi. High Warning Set Point | int | RW | 40360 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[2] | value = real-value x 10 |
| EMD\_4 Humi. High Warning Set Point | int | RW | 40361 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[3] | value = real-value x 10 |
| EMD\_5 Humi. High Warning Set Point | int | RW | 40362 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[4] | value = real-value x 10 |
| EMD\_6 Humi. High Warning Set Point | int | RW | 40363 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[5] | value = real-value x 10 |
| EMD\_7 Humi. High Warning Set Point | int | RW | 40364 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[6] | value = real-value x 10 |
| EMD\_8 Humi. High Warning Set Point | int | RW | 40365 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_HIGH\_SET[7] | value = real-value x 10 |
| EMD\_1 Humi. Low Warning Enable | int | RW | 40366 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[0] | 0:disabled; 1:enabled |
| EMD\_2 Humi. Low Warning Enable | int | RW | 40367 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[1] | 0:disabled; 1:enabled |
| EMD\_3 Humi. Low Warning Enable | int | RW | 40368 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[2] | 0:disabled; 1:enabled |
| EMD\_4 Humi. Low Warning Enable | int | RW | 40369 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[3] | 0:disabled; 1:enabled |
| EMD\_5 Humi. Low Warning Enable | int | RW | 40370 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[4] | 0:disabled; 1:enabled |
| EMD\_6 Humi. Low Warning Enable | int | RW | 40371 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[5] | 0:disabled; 1:enabled |
| EMD\_7 Humi. Low Warning Enable | int | RW | 40372 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[6] | 0:disabled; 1:enabled |
| EMD\_8 Humi. Low Warning Enable | int | RW | 40373 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_ENABLE[7] | 0:disabled; 1:enabled |
| EMD\_1 Humi. Low Warning Set Point | int | RW | 40374 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[0] | value = real-value x 10 |
| EMD\_2 Humi. Low Warning Set Point | int | RW | 40375 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[1] | value = real-value x 10 |
| EMD\_3 Humi. Low Warning Set Point | int | RW | 40376 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[2] | value = real-value x 10 |
| EMD\_4 Humi. Low Warning Set Point | int | RW | 40377 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[3] | value = real-value x 10 |
| EMD\_5 Humi. Low Warning Set Point | int | RW | 40378 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[4] | value = real-value x 10 |
| EMD\_6 Humi. Low Warning Set Point | int | RW | 40379 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[5] | value = real-value x 10 |
| EMD\_7 Humi. Low Warning Set Point | int | RW | 40380 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[6] | value = real-value x 10 |
| EMD\_8 Humi. Low Warning Set Point | int | RW | 40381 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_WARN\_LOW\_SET[7] | value = real-value x 10 |
| EMD\_1 Humi. Calibration | int | RW | 40382 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[0] | value = 0 ~ 12 |
| EMD\_2 Humi. Calibration | int | RW | 40383 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[1] | value = 0 ~ 12 |
| EMD\_3 Humi. Calibration | int | RW | 40384 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[2] | value = 0 ~ 12 |
| EMD\_4 Humi. Calibration | int | RW | 40385 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[3] | value = 0 ~ 12 |
| EMD\_5 Humi. Calibration | int | RW | 40386 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[4] | value = 0 ~ 12 |
| EMD\_6 Humi. Calibration | int | RW | 40387 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[5] | value = 0 ~ 12 |
| EMD\_7 Humi. Calibration | int | RW | 40388 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[6] | value = 0 ~ 12 |
| EMD\_8 Humi. Calibration | int | RW | 40389 | 2 bytes | MIB\_SENSOR\_EMD\_HUMI\_CALIBRATION[7] | value = 0 ~ 12 |
| EMD\_1 Alarm1 Normal State | int | RW | 40390 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[0] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_2 Alarm1 Normal State | int | RW | 40391 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[1] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_3 Alarm1 Normal State | int | RW | 40392 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[2] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_4 Alarm1 Normal State | int | RW | 40393 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[3] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_5 Alarm1 Normal State | int | RW | 40394 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[4] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_6 Alarm1 Normal State | int | RW | 40395 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[5] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_7 Alarm1 Normal State | int | RW | 40396 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[6] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_8 Alarm1 Normal State | int | RW | 40397 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NORMAL\_STATE[7] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_1 Alarm2 Normal State | int | RW | 40398 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[0] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_2 Alarm2 Normal State | int | RW | 40399 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[1] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_3 Alarm2 Normal State | int | RW | 40400 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[2] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_4 Alarm2 Normal State | int | RW | 40401 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[3] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_5 Alarm2 Normal State | int | RW | 40402 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[4] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_6 Alarm2 Normal State | int | RW | 40403 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[5] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_7 Alarm2 Normal State | int | RW | 40404 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[6] | 0:disabled; 1:normal open; 2:normal close |
| EMD\_8 Alarm2 Normal State | int | RW | 40405 | 2 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NORMAL\_STATE[7] | 0:disabled; 1:normal open; 2:normal close |
| Inlet Load Critical Set Point | int | RW | 40406 | 4 bytes | MIB\_PDU\_INLET\_CRIT\_OVER\_LOAD\_SET\_AC1[0] | value = real-value x 10 |
| Inlet Load Warning Set Point | int | RW | 40408 | 4 bytes | MIB\_PDU\_INLET\_WARN\_OVER\_LOAD\_SET\_AC1[0] | value = real-value x 10 |
| EMD\_1 Name | string | RW | 40410 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[0] |  |
| EMD\_2 Name | string | RW | 40426 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[1] |  |
| EMD\_3 Name | string | RW | 40442 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[2] |  |
| EMD\_4 Name | string | RW | 40458 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[3] |  |
| EMD\_5 Name | string | RW | 40474 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[4] |  |
| EMD\_6 Name | string | RW | 40490 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[5] |  |
| EMD\_7 Name | string | RW | 40506 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[6] |  |
| EMD\_8 Name | string | RW | 40522 | 32 bytes | MIB\_SENSOR\_EMD\_NAME[7] |  |
| EMD\_1 Location | string | RW | 40538 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[0] |  |
| EMD\_2 Location | string | RW | 40554 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[1] |  |
| EMD\_3 Location | string | RW | 40570 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[2] |  |
| EMD\_4 Location | string | RW | 40586 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[3] |  |
| EMD\_5 Location | string | RW | 40602 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[4] |  |
| EMD\_6 Location | string | RW | 40618 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[5] |  |
| EMD\_7 Location | string | RW | 40634 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[6] |  |
| EMD\_8 Location | string | RW | 40650 | 32 bytes | MIB\_SENSOR\_EMD\_LOCATION[7] |  |
| EMD\_1 Temperature Name | string | RW | 40666 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[0] |  |
| EMD\_2 Temperature Name | string | RW | 40682 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[1] |  |
| EMD\_3 Temperature Name | string | RW | 40698 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[2] |  |
| EMD\_4 Temperature Name | string | RW | 40714 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[3] |  |
| EMD\_5 Temperature Name | string | RW | 40730 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[4] |  |
| EMD\_6 Temperature Name | string | RW | 40746 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[5] |  |
| EMD\_7 Temperature Name | string | RW | 40762 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[6] |  |
| EMD\_8 Temperature Name | string | RW | 40778 | 32 bytes | MIB\_SENSOR\_EMD\_TEMP\_NAME[7] |  |
| EMD\_1 Humidity Name | string | RW | 40794 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[0] |  |
| EMD\_2 Humidity Name | string | RW | 40810 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[1] |  |
| EMD\_3 Humidity Name | string | RW | 40826 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[2] |  |
| EMD\_4 Humidity Name | string | RW | 40842 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[3] |  |
| EMD\_5 Humidity Name | string | RW | 40858 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[4] |  |
| EMD\_6 Humidity Name | string | RW | 40874 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[5] |  |
| EMD\_7 Humidity Name | string | RW | 40890 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[6] |  |
| EMD\_8 Humidity Name | string | RW | 40906 | 32 bytes | MIB\_SENSOR\_EMD\_HUMI\_NAME[7] |  |
| EMD\_1 Alarm1 Name | string | RW | 40922 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[0] |  |
| EMD\_2 Alarm1 Name | string | RW | 40938 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[1] |  |
| EMD\_3 Alarm1 Name | string | RW | 40954 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[2] |  |
| EMD\_4 Alarm1 Name | string | RW | 40970 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[3] |  |
| EMD\_5 Alarm1 Name | string | RW | 40986 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[4] |  |
| EMD\_6 Alarm1 Name | string | RW | 41002 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[5] |  |
| EMD\_7 Alarm1 Name | string | RW | 41018 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[6] |  |
| EMD\_8 Alarm1 Name | string | RW | 41034 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM1\_NAME[7] |  |
| EMD\_1 Alarm2 Name | string | RW | 41050 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[0] |  |
| EMD\_2 Alarm2 Name | string | RW | 41066 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[1] |  |
| EMD\_3 Alarm2 Name | string | RW | 41082 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[2] |  |
| EMD\_4 Alarm2 Name | string | RW | 41098 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[3] |  |
| EMD\_5 Alarm2 Name | string | RW | 41114 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[4] |  |
| EMD\_6 Alarm2 Name | string | RW | 41130 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[5] |  |
| EMD\_7 Alarm2 Name | string | RW | 41146 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[6] |  |
| EMD\_8 Alarm2 Name | string | RW | 41162 | 32 bytes | MIB\_SENSOR\_EMD\_ALARM2\_NAME[7] |  |
| Inlet CB1 L1 Power Factor | int | RO | 41178 | 2 bytes | MIB\_PDU\_INLET\_CB1\_PF\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet CB1 L2 Power Factor | int | RO | 41179 | 2 bytes | MIB\_PDU\_INLET\_CB1\_PF\_AC1[1] | value = real-value x 10 |
| Inlet CB1 L3 Power Factor | int | RO | 41180 | 2 bytes | MIB\_PDU\_INLET\_CB1\_PF\_AC1[2] | value = real-value x 10 |
| Inlet CB2 L1 Power Factor | int | RO | 41181 | 2 bytes | MIB\_PDU\_INLET\_CB2\_PF\_AC1[0] | value = real-value x 10, 0x8000 = NA |
| Inlet CB2 L2 Power Factor | int | RO | 41182 | 2 bytes | MIB\_PDU\_INLET\_CB2\_PF\_AC1[1] | value = real-value x 10 |
| Inlet CB2 L3 Power Factor | int | RO | 41183 | 2 bytes | MIB\_PDU\_INLET\_CB2\_PF\_AC1[2] | value = real-value x 10 |
| Inlet CB1 L1 Critical Power Factor Set Point | int | RW | 41184 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_UNDER\_PF\_SET\_AC1[0] | value = real-value x 10 |
| Inlet CB1 L2 Critical Power Factor Set Point | int | RW | 41185 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_UNDER\_PF\_SET\_AC1[1] | value = real-value x 10 |
| Inlet CB1 L3 Critical Power Factor Set Point | int | RW | 41186 | 2 bytes | MIB\_PDU\_INLET\_CB1\_CRIT\_UNDER\_PF\_SET\_AC1[2] | value = real-value x 10 |
| Inlet CB1 L1 Warning Power Factor Set Point | int | RW | 41187 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_UNDER\_PF\_SET\_AC1[0] | value = real-value x 10 |
| Inlet CB1 L2 Warning Power Factor Set Point | int | RW | 41188 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_UNDER\_PF\_SET\_AC1[1] | value = real-value x 10 |
| Inlet CB1 L3 Warning Power Factor Set Point | int | RW | 41189 | 2 bytes | MIB\_PDU\_INLET\_CB1\_WARN\_UNDER\_PF\_SET\_AC1[2] | value = real-value x 10 |
| Inlet CB2 L1 Critical Power Factor Set Point | int | RW | 41190 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_UNDER\_PF\_SET\_AC1[0] | value = real-value x 10 |
| Inlet CB2 L2 Critical Power Factor Set Point | int | RW | 41191 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_UNDER\_PF\_SET\_AC1[1] | value = real-value x 10 |
| Inlet CB2 L3 Critical Power Factor Set Point | int | RW | 41192 | 2 bytes | MIB\_PDU\_INLET\_CB2\_CRIT\_UNDER\_PF\_SET\_AC1[2] | value = real-value x 10 |
| Inlet CB2 L1 Warning Power Factor Set Point | int | RW | 41193 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_UNDER\_PF\_SET\_AC1[0] | value = real-value x 10 |
| Inlet CB2 L2 Warning Power Factor Set Point | int | RW | 41194 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_UNDER\_PF\_SET\_AC1[1] | value = real-value x 10 |
| Inlet CB2 L3 Warning Power Factor Set Point | int | RW | 41195 | 2 bytes | MIB\_PDU\_INLET\_CB2\_WARN\_UNDER\_PF\_SET\_AC1[2] | value = real-value x 10 |
| Inlet Surge Protection Valid | int | RO | 41196 | 2 bytes | MIB\_PDU\_INLET\_SPD\_PRESENT[0] | 0:Invalid; 1:Valid |
| Inlet Surge Protection Status | int | RO | 41197 | 2 bytes | MIB\_PDU\_INLET\_SPD\_STATUS\_AC1[0] | 0:normal; 1:warning; 2:critical |

# Appendix