

Modbus Parameters	Default
Mode: RTU (LSB first)	
Baudrate: 1200 / 2400 / 4800 / 9600 bps	9600
Start Bit: 1	
Data Bit: 8	
Stop Bits: 1	
Parity: None / Odd / Even	None
Support Function: 4 / 16	
Scan Rate: ≥ 400ms	

Register List									
Starting Register (Hex)	Parameter	Unit	Function	Read / Write	Length	Data Format	Data structure	Range	Default
0x0000	Total Active Energy	kWh	04	R	2	Hex	Long	99999.99 / 999999.9	
0x0002	Tariff 1 Active Energy	kWh	04	R	2	Hex	Long	99999.99 / 999999.9	
0x0004	Tariff 2 Active Energy	kWh	04	R	2	Hex	Long	99999.99 / 999999.9	
0x0006	Voltage	V	04	R	2	Hex	Long		
0x0008	Current	A	04	R	2	Hex	Long		
0x000A	Active Power	kWh	04	R	2	Hex	Long		
0x000C	Reactive Power	kVArh	04	R	2	Hex	Long		
0x000E	Apparent Power	kVA	04	R	2	Hex	Long		
0x0010	Power Factor		04	R	2	Hex	Long		
0x0012	Frequency	Hz	04	R	2	Hex	Long		
0x0014	Serial No.		04 / 16	R / W	2	Hex	Long	9999 9999	
0x0016	Pulse Weight	imp/kWh	04	R	2	Hex	Long		1000
0x0018	Modbus Address		04 / 16	R / W	1	Hex	Word	00 - FF	01
0x0019	Display Cycle Time	sec	04 / 16	R / W	1	Hex	Word	01 > 20	05
0x001A	No. of Display Cycle Items		04 / 16	R / W	1	Hex	Word	01 > 1D	0C
0x001B	KWh Decimal Format		04 / 16	R / W	1	Hex	Word	01 - 6+1 digits 02 - 5+2 digits	01
0x001C	Tariff		04 / 16	R / W	1	Hex	Word	00 - Tariff 1 open 01 - Tariff 2 open	00
0x002E	Baudrate	bps	04 / 16	R / W	1	Hex	Word	04 - 1200 08 - 2400 10 - 4800 20 - 9600	20

Display Cycle Items					
Function Code	Items	Unit	R / W	Item Code	Data Format
0x00,0x10	Total Active Energy	kWh	R	1	Hex
0x00,0x20	Tariff 1 Active Energy	kWh	R	2	Hex
0x00,0x30	Tariff 1 Voltage	V	R	3	Hex
0x00,0x40	Tariff 2 Active Energy	kWh	R	4	Hex
0x00,0x50	Tariff 2 Voltage	V	R	5	Hex
0x00,0x60	Voltage	V	R	6	Hex
0x00,0x70	Current	A	R	7	Hex
0x00,0x80	Power kW	kW	R	8	Hex
0x00,0x90	Baudrate	bps	R	9	Hex
0x00,0xA0	Modbus Address		R	A	Hex
0x00,0xB0	Serial No. (last 4 digits)		R	B	Hex
0x00,0xC0	Serial No. (first 4 digits)		R	C	Hex
0x00,0xD0	Pulse Weight	imp/kWh	R	D	Hex
0x00,0xE0	Frequency Hz	Hz	R	E	Hex
0x00,0xF0	Power Factor		R	F	Hex
0x00,0x11	Reactive Energy	kVAr	R	11	Hex
0x00,0x12	Apparent Energy	kVA	R	12	Hex