

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

Meter Starting Register (HEX)	Master Starting Register (DEC)	Parameter	Unit	Function	Read / Write	Length	Data Format	Data structure	Scaling	Range	Default
0x0000	000	Total Active Energy	Wh	04	R	2	BCD	UINT 32	x10	99999.99 / 999999.9	
0x0002	002	Import Active Energy	Wh	04	R	2	BCD	UINT 32	x10	99999.99 / 999999.9	
0x0004	004	Export Active Energy	Wh	04	R	2	BCD	UINT 32	x10	99999.99 / 999999.9	
0x0006	006	Voltage	V	04	R	2	BCD	UINT 32	x0.1		
0x0008	008	Current	A	04	R	2	BCD	UINT 32	x0.001		
0x000A	010	Active Power	W	04	R	2	BCD	UINT 32	x0.1		
0x000C	012	Reactive Power	VARh	04	R	2	BCD	UINT 32	x0.1		
0x000E	014	Apparent Power	VA	04	R	2	BCD	UINT 32	x0.1		
0x0010	016	Power Factor		04	R	2	BCD	UINT 32	x0.001		
0x0012	018	Frequency	Hz	04	R	2	BCD	UINT 32	x0.01		
0x0014	020	Serial No.		04 / 16	R / W	2	BCD	UINT 32		9999 9999	Serial #
0x0016	022	Pulse Weight	imp/kWh	04	R	2	BCD	UINT 32			2000
0x0018	024	Modbus Address		04 / 16	R / W	1	BCD	UINT 16		00 - FF	01
0x0019	025	Display Cycle Time	sec	04 / 16	R / W	1	BCD	UINT 16		01 > 20	03
0x001A	026	No. of Display Cycle Items		04 / 16	R / W	1	BCD	UINT 16		01 > 0C	0C
0x001B	027	KWh Decimal Format		04 / 16	R / W	1	BCD	UINT 16		01 - 6+1 digits 02 - 5+2 digits	01
0x002E	046	Baudrate	bps	04 / 16	R / W	1	BCD	UINT 16		04 - 1200 08 - 2400 10 - 4800 20 - 9600	20
0x0044	068	CT factor (divide primary/secondary current and enter the factor)	Factor	04 / 16	R / W	1	BCD	UINT 16		01 - FA (5 - 1250A)	1 (5A/5A)

Display Cycle Items

Function Code	Items	Unit	R / W	Item Code	Data Format
0x00,0x10	Total Active Energy	kWh	R	01	BCD
0x00,0x30	Import Active Energy	kWh	R	02	BCD
0x00,0x50	Export Active Energy	kWh	R	03	BCD
0x00,0x60	Voltage	V	R	04	BCD
0x00,0x70	Current	A	R	05	BCD
0x00,0x80	Power	kW	R	06	BCD
0x00,0x90	Baudrate	bps	R	07	BCD
0x00,0xA0	Modbus Address		R	08	BCD
0x00,0xB0	Serial No. (last 4 digits)		R	09	BCD
0x00,0xC0	Serial No. (first 4 digits)		R	10	BCD
0x00,0xD0	Constant		R	0A	BCD
0x00,0xE0	Frequency	Hz	R	0B	BCD
0x00,0xF0	Power factor		R	0C	BCD