system parameters address area: 03H read, 10H, 06H write function code, low address is high byte data.

data address	data item name	Read/Write	data range	default	type of data	unit
0BH	meter type	R		00 A2		
110H	communication address	R/W	High byte invalid, 0, address range 1-247, 0 broadcast address	1	WORD	
111H	communication baut rate	R/W	High byte invalid, 0, 1=1200, 2=2400, 3=4800, 4=9600	4—9600	WORD	
112H	display setup	R/W	display page: bit0:active energy bit1: reactive energy : bit2: voltage Bit3: current bit4: active power bit5: reactive power bit6: Apparent power Bit7: power factor; measure mode BIT0:lactive and reactive measurement、0 active forward and reverse measurement	FF, 01	WORD	
113H	display setup	R/W	display digit: 00: 6+0; 01:5+1; 02:4+2; turning display time: 0~10S	02, 05	WORD	
114H	display setup	R/W	tariff setup: 00: now allowed, 01: allowed; Selection of pulse output type 00: active, 01: reactive, 02: second impulse	01, ,0	WORD	
11CH	CT ratio	R/W				
118H	constant	R/W	100 1000 2000	1000		

system parameters address area: 03H read, 10H, 06H write function code, low address is high byte data.

data address	data item name	Read/Write	data range	default	type of data	unit
8100H	1 time period starting time: time 、minute	R/W	0-23、0-59	07、00	WORD	时、分
8101H	First period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	2	WORD	
8102H	2 time period starting time: time 、minute	R/W	0-23、0-59	22、00	WORD	时、分
8103H	second period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	3	WORD	
8104H	3 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
8105H	third period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
8106H	4 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
8107H	Fourth period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
8108H	5 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
8109H	Five period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
810AH	6 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
810BH	six period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
810CH	7 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
810DH	seven period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
810EH	8 time period starting time: time 、minute	R/W	0-23、0-59	00、00	WORD	时、分
810FH	eight period belongs to the rate of 1: sharp 2: peak 3: Valley 4: flat	R/W	0-4	0	WORD	
8110H	Weekend start time: time 、minutes	R/W	0-23、0-59	00、00	WORD	时、分
~						
811FH						
8130H	holiday start time: time and minutes	R/W	0-23、0-59	00、00	WORD	时、分
~						
813FH						
8140H	holiday form *100		MMDD			

system parameters address area: 03H read, 10H, 06H write function code, low address is high byte data.

data address	data item name	Read/Write	data range	default	type of data	unit
8120H	system year、month	R/W	00-99、1-12	present time	WORD	year month
#N/D	system date、time	R/W	1-31、0-23		WORD	date, time
#N/D	system min、second	R/W	0-59、0-59		WORD	min, second

Real time data area address 9000H-9FFFH, reserved enough addresses.
Modbus RTU, 16 Decimal, word mode, N81, default baud rate 9600

system parameters address area: 03H read, low address is high byte data.						
data address	data item name	Read/Write	data range	type of data	unit	singe phase
130H	frequency F	R	4500～6500	UINT	0.01Hz	■
131H	phase voltage V1	R		UINT	0.01V	■
132H	phase voltage V2	R		UINT	0.01V	
133H	phase voltage V3	R		UINT	0.01V	
139H-13AH	phase current I1	R		UINT	0.001A	■
13BH-13CH	phase current I2	R		UINT	0.001A	
13DH-13EH	phase current I3	R		UINT	0.001A	
140h-141H	Split phase active powerP1	R		LONG	0.001kW	■
142h-143H	Split phase active powerP2	R		LONG	0.001kW	
144H-145H	Split phase active powerP3	R		LONG	0.001kW	
146H-147H	System active power Psum	R		LONG	0.001kW	
148H-149H	Split phase reactive power Q1	R		LONG	0.001kvar	■
14AH-14BH	Split phase reactive power Q2	R		LONG	0.001kvar	
14CH-14DH	Split phase reactive power Q3	R		LONG	0.001kvar	
14EH-14FH	system reactive power Qsum	R		LONG	0.001kvar	
150H-151H	Split phase Apparent power S1	R		LONG	0.001kva	■
152H-153H	Split phase Apparent power S2	R		LONG	0.001kva	
154H-155H	Split phase Apparent power S3	R		LONG	0.001kva	
156H-157H	system Apparent power Ssum	R		LONG	0.001kva	
158H	Split phase power factor PF1	R		INT	0,001	■
159H	Split phase power factor PF2	R		INT	0,001	
15AH	Split phase power factor PF3	R		INT	0,001	
15BH	system power factor PF	R		INT	0,001	

multi rate data area address A000H-AFFFH, reserve enough addresses.

Modbus RTU, 16 Decimal, word mode, N81, default baud rate 9600

present split time energy 03H read, low address is high byte data.					
data addre	data item name	Read/Write	data range	type of data	unit
A000H	Current total active power	R	0-99999999	ULONG	0.01kwh
	(current) active rate 1 electric energy	R	0-99999999	ULONG	0.01kwh
	(current) active rate 2 electric energy	R	0-99999999	ULONG	0.01kwh
	(current) active rate 3 electric energy	R	0-99999999	ULONG	0.01kwh
	(current) active rate 4 electric energy	R	0-99999999	ULONG	0.01kwh
A00AH-A01DH	reserve				
A01EH	Current total reactive power	R	0-99999999	ULONG	0.01kvarh
	(current) reactive rate 1 electric energy	R	0-99999999	ULONG	0.01kvarh
	(current) reactive rate 2 electric energy	R	0-99999999	ULONG	0.01kvarh
	(current) reactive rate 3 electric energy	R	0-99999999	ULONG	0.01kvarh
	(current) reactive rate 4 electric energy	R	0-99999999	ULONG	0.01kvarh

A030H					
A031H	last month's demand				
	last two month's demand				