Register Address (decimalism)	Register Type	Register Name
Charger Control Message		
10000	RO	The type of machine High
10001	RO	The type of machine Low
10002	WR	Serial number High
10003	WR	Serial number Low
10004	RO	Hardware version
10005	RO	Software version
10006	WR	PV voltage calibration coefficient
10007	WR	Battery voltage calibration coefficient
10008	WR	Charger current calibration coefficient
10009	RO	Rated Current
10010	RO	Communication Protocol Edition
10011-10100	WR	reserved
10101	WR	charger work enable
10002	WR	reserved
10103	WR	Battery Float voltage
10104	WR	Battery Absorption voltage
10105	WR	Battery low voltage
10106	WR	reserved
10107	WR	reserved
10108	WR	Max charger current
10109	WR	reserved
10110	WR	Battery type
10111	WR	Battery AH

10112	WR	Remove the accumulated data
10113	WR	Battery Voltage Grade
10114	WR	reserved
10115	WR	reserved
10116	WR	CV charing Max time
10117	WR	BTS temperature compensation ratio
10118	WR	Battery equalization enable
10119	WR	Battery Equalization voltage
10120	WR	The Max Current of battery equalization
10121	WR	Battery equalized time
10122	WR	Battery Equalized timeout
10123	WR	Equalization interval
10124	WR	Equalization actived immediately
10125	WR	System setting
10126	WR	Reset the parameter
16001	WR	customiz combine charger with Utility current setting
16002	WR	customize start machine setting

Register Address (decimalism)	Register Type	Register Name
Charger Display Message		
15201	RO	Charger workstate
15202	RO	Mppt state
15203	RO	charging state
15204	RO	reserved
15205	RO	PV voltage
15206	RO	Battery voltage

15207	RO	Charger current
15208	RO	Charger power
15209	RO	Radiator temperature
15210	RO	External temperature
15211	RO	Battery Relay
15212	RO	PV Relay
15213	RO	Error message
15214	RO	Warning message
15215	RO	BattVol Grade
15216	RO	Rated Current
15217	RO	Accumulated PV power high
15218	RO	Accumulated PV power low
15219	RO	Accumulated day
15220	RO	Accumulated hour
15221	RO	Accumulated minute
15222	RO	Communication Protocol Edition
15223	RO	Soc
15224	RO	Arrow Flag

System setting bit

Bit	meaning
0	reserved
1	reserved
2	reserved
3	AutoTurnPageFlagForbid
4	reserved
5	reserved
6	LcdLightEnable
7	reserved
8	reserved
9	reserved
10	reserved
11	reserved
12	reserved
13	reserved
14	reserved
15	reserved

Arrow Flag bit

Bit		meaning
0	PV-to-Machine-Arrow	0: Disconnect 1:Connect
1	PV_Flag	0:Inexistence 1:Existence
2	Machine-to-Batt-Arrow	0: Disconnect 1:Connect
3	Batt_Flag	0:Inexistence 1:Existence

4	reserved	
5	reserved	
6	reserved	
7	reserved	
8	reserved	
9	reserved	
10	reserved	
11	reserved	
12	reserved	
13	reserved	
14	reserved	
15	reserved	

Charging point		
Parameter	Battery type	Absorb Stage
Unit		volt
Default	AGM/Gel/LEAD	57.6V/28.8V/14.4V
Option	Flooded	56.8V/28.4V/14.2V
Option	Customized	56.4V/28.2V/14.1V

	Effective Range
PC	
1800	
1.0.00	
1.0.00	
16384	
16384	
16384	
0.1A	
1.04.14	
reserved	
0:OFF 1:ON	effective range: 0,1 the default value is 1;
reserved	
0.1V	48V:480-640(48.0-64.0)V the default value is 54.0V 24V:240-320(24.0-32.0)V the default value is 27.0V 12V:120-160(12.0-16.0)V the default value is 13.5V
0.1V	48V:480-64.0(48.0-64.0)V the default value is 56.4V 24V:240-32.0(24.0-32.0)V the default value is 28.2V 12V:120-16.0(24.0-16.0)V the default value is 14.1V
0.1V	48V:340-440(34.0-44.0)V the default value is 34.0V 24V:170-220(17.0-22.0)V the default value is 17.0V 12V:85-110(8.5-11.0)V the default value is 8.5V
0.1A	0.1A effective range: (0.1-80.0)A
0:no choose 1:Use defined battery 2:lithium battery 3:SEALED_LEAD battery 4:AGM battery 5:GEL battery 6:FLOODED battery	the default value is 4 ; effective range: 0,6
1AH	effective range:(0-900)AH the default value is 100AH

0:No remove the accumulated data 1:Remove the accumulated data	the default value is 0; effective range: 0,1
0:aotumatically detected 12:12V 24:24V 36:36V 48:48V	
1min	5~900(5-900)min the default value is 150min
0.1mV	0~600(0-60.0)mV the default value is 0.0mV
0:Disable 1:Enable	effective range: 0,1 the default value is 0;
0.1V	48V:480-640(48.0-64.0)V the default value is 58.4V 24V:240-320(24.0-32.0)V the default value is 29.2V 12V:120-160(12.0-16.0)V the default value is 14.6V
0.1A	0.1A 1-800 effective range: (0.1-80.0)A
1min	5-900(5-900)min the default value is 150min
1min	5-900(5-900)min the default value is 150min
1day	0-90(0-90)day the default value is 30 days
0:No effect 1:Action	the default value is 0; effective range:0,1
	refer to the frame System setting bit
0:No effect 1:Action	the default value is 0; effective range:0,1
0.1A	for customize when the baudrate is 2400,you maybe use it. 0.1A 1-1400 effective range: (0.1-140.0)A
0:No effect 1:Action	for customize when the baudrate is 2400,you must write 1 if you want start the machine

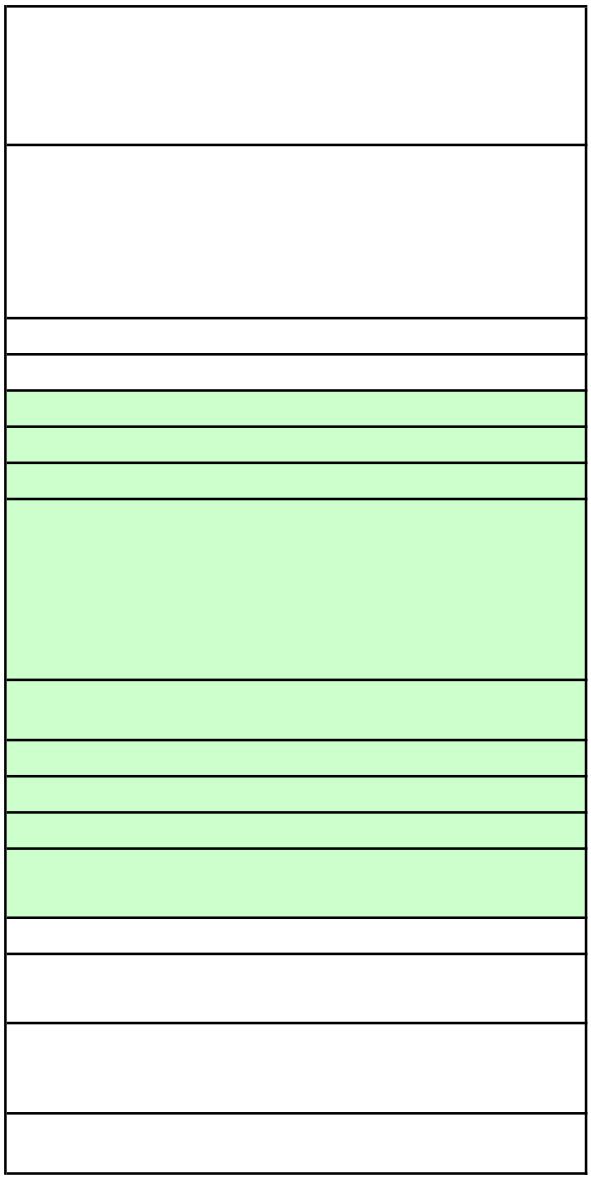
Physical Unit	Effective Range

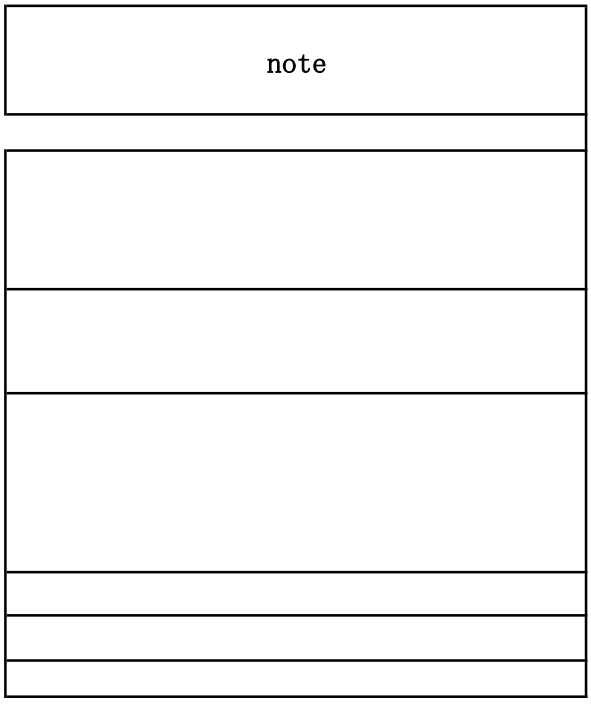
0: Initialization Mode 1: Selftest Mode 2: Work Mode 3: Stop Mode	
0: Stop 1: MPPT 2: Current limiting	
0: Stop 1: Absorb charge 2: Float charge 3: EQ charge	
0.1V	(0.0-150.0)V
0.1V	(0.0-80.0)V

0.1A	(0.0-90.0)A
1W	(0-5000)W
1℃	(-40-150)℃
1℃	(-40-150)℃
	0: Disconnect 1:Connect
	0: Disconnect 1:Connect
Refer to frame Charger Error message 1	
Refer to frame Charger Warning message 1	
1V	
0.1A	
1000KWH	
0.1KWH	
1day	
1hour	
1minute	
1.04.14	
1%	
bit	Refer to the frame Arrow Flag bit

Float Stage	Equalize Stage
volt	volt
54.8V/27.4V/13.7V	58.4V/29.2V/14.6V
54.8V/27.4V/13.7V	58.4V/29.2V/14.6V
54.0V/27.0V/13.5V	58.4V/29.2V/14.6V

note
Refer to the frame Charging point




note