

GPS protocol test read all data

[17:15:40.815]send→◇ 4E 57 00 13 00 00 00 00 06 03 00 00 00 00 00 68 00 00 01 29 □
 [17:15:40.908]recieve←◆ 4E 57 01 0B 00 00 00 00 06 00 01 79 3C 01 0E F9 02 0E F8 03 0F 01
 04 0F 03 05 0F 02 06 0F 05 07 0F 02 08 0F 05 09 0E FB 0A 0E C8 0B 0E CB 0C 0E 9A 0D 0E C5 0E 0E
 C6 0F 0E CB 10 0E C1 11 0E CD 12 0E CB 13 0E BC 14 0E C2 80 00 1B 81 00 1E 82 00 1E 83 1D BC
 84 27 10 85 47 86 02 87 00 01 89 00 00 00 00 8A 00 14 8B 00 00 8C 00 0B 8E 20 D0 8F 15 E0 90
 10 68 91 10 36 92 00 04 93 0A F0 94 0B 54 95 00 04 96 01 2C 97 00 28 98 00 04 99 00 14 9A 00
 04 9B 10 36 9C 00 64 9D 00 9E 00 64 9F 00 50 A0 00 50 A1 00 46 A2 00 14 A3 00 64 A4 00 64 A5
 FF EC A6 FF F6 A7 FF EC A8 FF F6 A9 14 AA 00 00 00 28 AB 00 AC 00 AD 03 E8 AE 01 AF 01 B0 00
 0A B1 14 B2 00 00 00 00 00 00 00 00 00 00 00 B3 01 B4 36 30 33 30 30 30 30 31 B5 32 30 30 34 B6
 00 00 00 01 B7 4E 57 5F 31 5F 30 5F 30 5F 32 30 30 34 32 38 00 00 00 00 68 00 00 49 23

Data analysis

0x79 adress

79 3C 01 0E F9 02 0E F8 03 0F 01 04 0F 03 05 0F 02 06 0F 05 07 0F 02 08 0F 05 09 0E FB 0A 0E C8
 0B 0E CB 0C 0E 9A 0D 0E C5 0E 0E C6 0F 0E CB 10 0E C1 11 0E CD 12 0E CB 13 0E BC 14 0E C2
 3C: length 60 normal

0x80 地址

80 00 1B Power Tube Temperature 1B-27° normal

0x81 地址

81 00 1E Balance plate temperature 1E-30° normal

0x82 地址

82 00 1E Battery temperature 1E-30° normal

0x83 地址

83 1D BC Total battery voltage 76.12 normal

0x84 地址

84 27 10 Current data 10000 free normal

0x85 地址

85 47 SOC 71% normal

0x86 地址

86 02 Number of sensors 2 normal

0x87 地址

87 00 01 Number of battery cycles 1 normal

0x89 地址

89 00 00 00 00 Total battery cycle capacity normal

0x8A 地址		
8A 00 14	Total number of battery strings 20	normal
0x8B 地址		
8B 00 00	No alarm information	normal
0x8C		
8C 00 0B	Charge discharge MOS tube open	normal
0x8E		
8E 20 D0	Total voltage overvoltage protection 84.00V	normal
0x8F		
8F 15 E0	Total voltage undervoltage protection 56.00V	normal
0x90		
90 10 68	Single overvoltage protection voltage 4200mV	normal
0x91		
91 10 36	Monomer overvoltage recovery voltage 4150Mv	normal
0x92		
92 00 04	Single overvoltage protection delay of 4 seconds	normal
0x93		
93 0A F0	Single undervoltage protection voltage 2800MV	normal
0x94		
94 0B 54	Monomer undervoltage recovery voltage 2900MV	normal
0x95		
95 00 04	The single undervoltage protection is delayed for 4 seconds	normal
0x96		
96 01 2C	Differential voltage protection value of cell 300mV	normal
0x97		
97 00 28	Discharge overcurrent protection value 40A	normal
0x98		
98 00 04	4 seconds for discharge over casting	normal
0x99		
99 00 14	Charging overcurrent protection value 20A	normal

0x9A		
9A 00 04	4 seconds when charging over streamer	normal
0x9B		
9B 10 36	Balanced starting voltage 4150mv	normal
0x9C		
9C 00 64	Equalizing opening differential pressure 100mV	normal
0x9d		
9D 00	Equalizing switch off	normal
0x9E		
9E 00 64	Power tube temperature protection value 100	normal
0x9F		
9F 00 50	Power tube temperature recovery value 80	normal
0xA0		
A0 00 50	Equalizing temperature protection value 80	normal
0xA1		
A1 00 46	Equilibrium temperature recovery value 70	normal
0xA2		
A2 00 14	Battery temperature difference protection value 20 °	normal
0xA3		
A3 00 64	Battery charging high temperature protection value 100	normal
0xA4		
A4 00 64	Battery discharge high temperature protection value 100	normal
0xA5		
A5 FF EC	Charging low temperature protection value – 20	normal
0xA6		
A6 FF F6	Recovery value of charging low temperature protection - 10	normal
0xA7		
A7 FF EC	Discharge low temperature protection value – 20	normal

0xA8			
A8 FF F6		Recovery value of discharge low temperature protection – 10	normal
0xA9			
A9 14		Battery string number setting 20	normal
0xAA			
AA 00 00 00 28		Battery capacity setting 40AH	normal
0xAB			
AB 00		Charging MOS Switch Write Control Bit 0 Close 1 On (Trigger)	
0xAC			
AC 00		Discharge MOS Switch Write Control Bit 0 Close 1 On (Trigger)	
0xAD			
AD 03 E8		Current Calibration 1000MA	Normal
0xAE			
AE 01		Protective Board Address Default 1	
0xAF			
AF 01		Battery Type Default Li-ion	
0xB0			
B0 00 0A		Hibernation wait time initialization default 10 seconds	normal
0xB1			
B1 14		Low capacity alarm 20%	normal
0xB2			
B2 00 00 00 00 00 00 00 00 00 00		Modify parameter password default 0	
0xB3			
B3 01		Private Charger Switch Default 1	Normal
0xB4			
B4 36 30 33 30 30 30 30 31		Device ID code initialization 60300001	normal
0xB5			
B5 32 30 30 34		Factory Date 2004	Normal
0xB6			
00 00 00 01		System working time 1 minute	Normal

0xB7 地址

B7 4E 57 5F 31 5F 30 5F 30 5F 32 30 30 34 32 38 version number: NW_1_0_0_200428

Normal