CAN Interface Description

- CAN 2.0B
- CAN Baud Rate：500kbps
- 11-bit identifiers
- Little endian

Battery to Inverter:

Byte	0	1	2	3	4	5	6	7
CAN-ID								
0x351	Battery charge voltage		DC charge current limitation		DC discharge current limitation		Battery discharge voltage	
0x355	SOC							
0x356	Battery voltage		Battery current		Battery Temperature			
0x35A	Alarms				Warnings			
0x35E	Manufacturer-Name-ASCII							
0x35F			BMS version		Bat-Capacity			

Name	Data type	Scaling	Unit	Min	Max	Default	Description	CAN ID	CAN-Byte	CAN-Byte-Bit
Battery charge voltage	U16	0.1	V	48	62	55	设置逆变器充电电压	0x351	[1:0]	
DC charge current limitation	I16	0.1	A	0	65	0	设置逆变器充电电流上限	0x351	[3:2]	
DC discharge current limitation	I16	0.1	A	0	70	0	设置逆变器放电电流上限	0x351	[5:4]	
Battery discharge voltage	U16	0.1	V	45	48	47	设置逆变器放电截止点电压	0x351	[7:6]	
SOC	U16	1	%	0	100	80	BMS计算的SOC值	0x355	[1:0]	
Battery voltage	I16	0.01	V			0	BMS测量的电池电压	0x356	[1:0]	
Battery current	I16	0.1	A			0	BMS测量的电池电流	0x356	[3:2]	
Battery Temperature	I16	0.1	degC			28	BMS测量的电池温度	0x356	[5:4]	
Alarms										
General arrive	Bit			0	1	0		0x35A	0	0
General leave	Bit			0	1	0		0x35A	0	1
Battery High Voltage arrive	Bit			0	1	0	电池过压报警（ID102）	0x35A	0	2
Battery High Voltage leave	Bit			0	1	0	电池过压报警恢复	0x35A	0	3
Battery Low Voltage arrive	Bit			0	1	0	电池低压报警（ID103）	0x35A	0	4
Battery Low Voltage leave	Bit			0	1	0	电池低压报警恢复	0x35A	0	5
Battery High Temp arrive	Bit			0	1	0	电池过温报警（ID104/105）	0x35A	0	6
Battery High Temp leave	Bit			0	1	0	电池过温报警恢复	0x35A	0	7
Battery Low Temp arrive	Bit			0	1	0	电池低温报警（ID106/107）	0x35A	1	0
Battery Low Temp leave	Bit			0	1	0	电池低温报警恢复	0x35A	1	1
Battery High Temp Charge arrive	Bit			0	1	0		0x35A	1	2
Battery High Temp Charge leave	Bit			0	1	0		0x35A	1	3
Battery Low Temp Charge arrive	Bit			0	1	0		0x35A	1	4
Battery Low Temp Charge leave	Bit			0	1	0		0x35A	1	5
Battery High Current arrive	Bit			0	1	0	电池过载报警（ID100）	0x35A	1	6
Battery High Current leave	Bit			0	1	0	电池过载报警恢复	0x35A	1	7
Battery High Current Charge arrive	Bit			0	1	0	电池充电过载报警（ID100）	0x35A	2	0
Battery High Current Charge leave	Bit			0	1	0	电池充电过载报警恢复	0x35A	2	1
Contactor arrive	Bit			0	1	0		0x35A	2	2
Contactor leave	Bit			0	1	0		0x35A	2	3
Short Circuit arrive	Bit			0	1	0	电池输出短路报警（ID101）	0x35A	2	4
Short Circuit leave	Bit			0	1	0	电池输出短路报警恢复	0x35A	2	5
BMS Internal arrive	Bit			0	1	0		0x35A	2	6

BMS Internal leave	Bit			0	1	0		0x35A	3	7
Cell Imbalance arrive	Bit			0	1	0		0x35A	3	0
Cell Imbalance leave	Bit			0	1	0		0x35A	3	1
Reserved	Bit			0	1	0		0x35A	3	2
Reserved	Bit			0	1	0		0x35A	3	3
Reserved	Bit			0	1	0		0x35A	3	4
Reserved	Bit			0	1	0		0x35A	3	5
Reserved	Bit			0	1	0		0x35A	3	6
Reserved	Bit			0	1	0		0x35A	3	7
Warnings										
General arrive	Bit			0	1	0		0x35A	4	0
General leave	Bit			0	1	0		0x35A	4	1
Battery High Voltage arrive	Bit			0	1	0		0x35A	4	2
Battery High Voltage leave	Bit			0	1	0		0x35A	4	3
Battery Low Voltage arrive	Bit			0	1	0		0x35A	4	4
Battery Low Voltage leave	Bit			0	1	0		0x35A	4	5
Battery High Temp arrive	Bit			0	1	0		0x35A	4	6
Battery High Temp leave	Bit			0	1	0		0x35A	4	7
Battery Low Temp arrive	Bit			0	1	0		0x35A	5	0
Battery Low Temp leave	Bit			0	1	0		0x35A	5	1
Battery High Temp Charge arrive	Bit			0	1	0		0x35A	5	2
Battery High Temp Charge leave	Bit			0	1	0		0x35A	5	3
Battery Low Temp Charge arrive	Bit			0	1	0		0x35A	5	4
Battery Low Temp Charge leave	Bit			0	1	0		0x35A	5	5
Battery High Current arrive	Bit			0	1	0		0x35A	5	6
Battery High Current leave	Bit			0	1	0		0x35A	5	7
Battery High Current Charge arrive	Bit			0	1	0		0x35A	6	0
Battery High Current Charge leave	Bit			0	1	0		0x35A	6	1
Contactor arrive	Bit			0	1	0		0x35A	6	2
Contactor leave	Bit			0	1	0		0x35A	6	3
Short Circuit arrive	Bit			0	1	0		0x35A	6	4
Short Circuit leave	Bit			0	1	0		0x35A	6	5
BMS Internal arrive	Bit			0	1	0		0x35A	6	6
BMS Internal leave	Bit			0	1	0		0x35A	7	7
Cell Imbalance arrive	Bit			0	1	0		0x35A	7	0
Cell Imbalance leave	Bit			0	1	0		0x35A	7	1

Reserved	Bit			0	1	0		0x35A	7	2
Reserved	Bit			0	1	0		0x35A	7	3
Reserved	Bit			0	1	0		0x35A	7	4
Reserved	Bit			0	1	0		0x35A	7	5
Reserved	Bit			0	1	0		0x35A	7	6
Reserved	Bit			0	1	0		0x35A	7	7
Manufacturer-Name-ASCII	ASCII						在逆变器上显示的电池型号	0x35E	[0:7]	
BMS version	U16						BMS版本号，十进制形式显示	0x35F	[3:2]	
Bat-Capacity	U16	1	Ah	0	999	0	电池组系统总容量	0x35F	[5:4]	