

Features

- 01 Self designed Built-in BMS
- 02 Support serial connecting
- 03 Compatible with brand inverters
- 04 Maintenance free, Automatic switching of power supply mode
- 05 Support CAN/RS485 remote communication



System parameter

Pack			
Parameter	PS-30KWH-HV	PS-40KWH-HV	PS-50KWH-HV
Model	51.2V100Ah	51.2V100Ah	51.2V100Ah
Layout	16S1P	16S1P	16S1P
Rated voltage	51.2V	51.2V	51.2V
String	6	8	10
Chemistry	LFP	LFP	LFP
Module capacity ( Ah )	100-105	100-105	100-105
Total Energy ( KWH )	30	40	50
Useable Energy ( KWH )	30	40	50
Cycle times	6000	6000	6000
Battery port			
System rated voltage ( V )	307.2V	409.6V	512V
System working voltage ( V )	240-350	320-467	400-584
Recommend charging current ( A )	50	50	50
Max charging current ( A )	100	100	100
Max discharging current ( A )	100	100	100
Communication	CAN	CAN	CAN
Basic parameter			
Discharge temperature	-20℃~+55℃		
Charge temperature	0℃-55℃		
Working altitude ( m )	< 3000		
Noise ( dB)	< 40		
Cooling	Natural cooling		
IP level	IP54		
Storage temperature	0-35℃		
DoD	90%		
Humidity	5-58%		
Size			
Pack size	570*400*160mm	570*400*160mm	570*400*160mm
System size	570*400*1220mm	570*400*1540mm	570*400*1860mm



UN38.3

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