




System model	204050	204080	204105
<b>System appearance</b>			
<b>Module unit</b>			
Module model	51.2V50Ah	51.2V80Ah	51.2V105Ah
Module configuration	16S1P	16S1P	16S1P
Module size	482.6*416.2*132.5M	482.6*416.2*177M	482.6*416.2*177MM
Module weight	Approx. 30KG	Approx. 41.5KG	Approx. 46.5KG
Number of modules	4PCS	4PCS	4PCS
Type of battery	LiFePO4	LiFePO4	LiFePO4
<b>System parameter</b>			
Rated voltage	204.8V		
Operating voltage range	147.2-233.6V		
Equalizing charging voltage range	217.6-220.8V		
Floating charge voltage range	214.4-217.6V		
Rated capacity	50Ah	80Ah	105Ah
Rated energy	10.24KWh	16.37KWh	21.5KWh
Rated charging current	25A	40A	50A
Maximum charging current	50A	80A	105A
Rated discharge current	50A	80A	105A
Maximum discharge current	100A	160A	210A
Charging temperature range	0-55°C		
Discharge temperature range	-10-55°C		
Optimum operating temperature	15-25°C		
Cooling mode	natural cooling		
Relative humidity	5%-95%		
Operating altitude	≤2000M		
Cycle life	≥3500 times @80%DOD, 0.5C/0.5C, 25°C		
Communication method	CAN2.0/RS485/dry contact		
Protection functions	Over temperature, overcurrent, short circuit, overcharge, overdischarge, etc.		
Display screen	LCD touch screen		
Design service life	≥10 years		
Certifications	UN38.3/UL1973/IEC62619		
Cabinet size	600*600*1109MM	600*600*1287MM	600*600*1287MM
Gross weight	Approx. 205KG	Approx. 255KG	Approx. 275KG