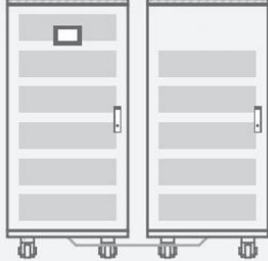
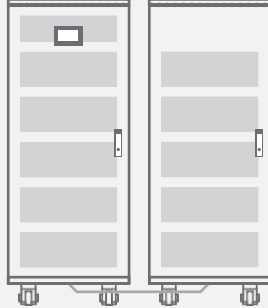



System model	512050	512080	512105
System Appearance			
Module Unit			
Module model	51.2V50Ah	51.2V80Ah	51.2V105Ah
Module configuration	16S1P	16S1P	16S1P
Module size	482.6*416.2*132.5MM	482.6*416.2*177MM	482.6*416.2*177MM
Module weight	About 30KG	About 41.5KG	About 46.5KG
Number of modules	10PCS	10PCS	10PCS
Type of battery	LiFePO4	LiFePO4	LiFePO4
System Parameter			
Rated voltage	512V		
Operating voltage range	368-584V		
Equalizing charging voltage range	544-552V		
Floating charge voltage range	536-544V		
Rated capacity	50Ah	80Ah	105Ah
Rated energy	25.6KWh	40.96KWh	53.76KWh
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	2.0/RS485/dry contact		
Defensive function	Overtemperature, 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*1287MM)*2	(600*600*1510MM)*2	(600*600*1510MM)*2
Gross weight	240KG+225KG	300KG+285KG	325KG+310KG