
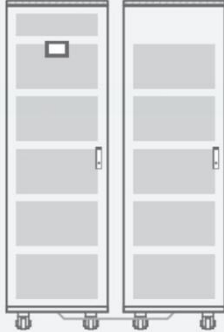
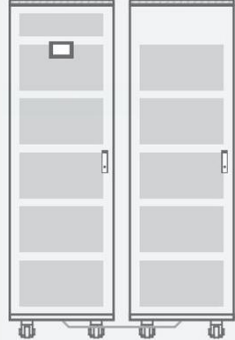


System model	512160	512230	512280
System Appearance			
Module Unit			
Module model	51.2V160Ah	51.2V230Ah	51.2V280Ah
Module configuration	16S2P	16S1P	16S1P
Module size	482.6*554*221.5MM	482.6*614*265.9MM	482.6*754*265.9MM
Module weight	About 72KG	About 90KG	About 114KG
Number of modules	10PCS	10PCS	10PCS
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	160Ah	230Ah	280Ah
Rated energy	81.92KWh	117.76KWh	143.36KWh
Rated charging current	80A	115A	140A
Maximum charging current	160A	230A	280A
Rated discharge current	160A	230A	280A
Maximum discharge current	320A	460A	460A
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*1732MM)*2	(600*660*1954MM)*2	(600*800*1954MM)*2
Gross weight	463KG+448KG	564KG+549KG	696KG+681KG