

Lithium Low Voltage Energy Storage System



Luxury villa



Communication base station



Nomadic farm



Residential electricity

Product features:



Compact Design



Proven Reliability



Compatible with all leading inverter brands



Modular design allows up to 16 blocks in parallel



Exceptional service of over 5000 cycles



C/1 Continuous Discharge Rate



Residential Electronic Storage Systems



Technical Specification	48V100-LIFE/48V100-LIFE-W
Type	LiFePO4 Battery
Pack Method	16S1P
Nominal capacity	100Ah
Nominal voltage	51.2V
Energy	5,120Wh
Charge method	CC/CV
Charge cut cut-off voltage	58.4V
Discharge cut cut-off voltage	41.6V
Standard charge current	20A
Max. charge current	100A
Standard discharge current	20A
Max. continues discharge current	100A
Cycle life	3,000-4000 cycles @ 80% DOD
Internal impedance	≤50m Ω
Dimension	L420 x W442 x H133 (Rackmount) L500 x W475 x H177 (Wallmount)
Communication Mode	CAN, RS485, RS232
Compatibility	DEYE, SUNSYNK, MEGAREVO, AEC, GROWAT
Weight Approx.	45 kg
Working temperature range	Charge 0°C to +55°C Discharge: -20°C to +60°C
Storage Temperature	-10°C To +50 °C