

2 GENERAL INFORMATION

Model/ Parameters	LFP-48100
Basic	
Normal Voltage [V]	51.2
Normal Capacity [Ah]	100
Operating Voltage [V]	45~56
Rated energy [kWh]	5.12
Battery Type	Li-on (LiFePO4)
Ah Efficiency [%]	99
Wh Efficiency [%]	96
Standard Power [kW]	5
Recommended Charging current [A]	60
Maximum Discharging current [A]	100
Dimension & Weight	
Dimension(L*W*H) [mm]	580*500*190mm
Weight [Kg]	50
Communication	
Battery to Inverter	RS485/CAN 2.0
Battery to Battery/ BMS	RS232+RS485
Capacity Indicator	6LED (0%,20%, 20%40%, 60%, 80%, 100%) & LCD Screen
Switch ON/OFF	Button
Environment	
Operating Temperature [C]	- 10 to 55
Relative Humidity [%]	5 to 95
Altitude [m]	Below 4000
Standard Comply	
Safety	CE , MSDS, ROHS
Hazardous Materials Classification	Class 9/UN3480
Transport Testing Requirement	UN38.3
Cycle Life [90% DOD]	> 5000 Cycles
Warranty [Year]	3