

12.8V 100Ah LiFePO4 Battery

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8V
Nominal Capacity	100Ah
Rated Energy	1.28kWh
DC Internal Resistance	$\leq 50\text{m}\Omega$
Self Discharge	$\leq 3\%$ / month



CHARGE SPECIFICATIONS

Recommended Charge Current	50A
Charge Cut-off Voltage	14.6V
Max. Charging Voltage	14.6V

DISCHARGE SPECIFICATIONS

Max. Continuous Discharging Current	100A
Discharge Cut-off Voltage	11.2V
Max. Discharge Voltage	14.6V

TEMPERATURE & MECHANICAL SPECIFICATIONS

Operating Temperature (Charging)	0°C to 45°C
Operating Temperature (Discharging)	-20°C to 60°C
Storage Temperature	-20°C to 35°C
Operating Relative Humidity	5% ~ 95%
Reference Dimensions	339*185*218mm
Reference Net Weight	10.5kg