

# 25.6Volt, 100Ah



**RACK MOUNTED LI-ION BATTERY 2.56kwh**



## SAFETY

- + Long life type prismatic LiFePO4 cells, suitable for energy storage application.
- + Low voltage system, safety for application.
- + Cell certification: UN38.3, ROHS, IEC62619, UL1973.
- + Battery certification: UN38.3, MSDS, CE

## DESIGN

- + Standard 19" rack design.
- + Flexible and easily installation, rack or wall mounted.
- + -20~+55°C widely temperature range.
- + Maintenance free.

## SCALABILITY

- + Parallel support for more energy.
- + Optional: Heater-200W.
- + DC Breaker-125A 1P

## BATTERY MANAGEMENT SYSTEM

- + Independent protection for charge and discharge.
- + SOC, Alarm, Run display and PC software for detailed operation.
- + OVP, LVP, OCP, OTP, LTP protection.
- + Rs485 communication port for inverter (SMK) and Link in& out for battery to battery communication.

# 25.6V100Ah

## RACK MOUNTED LI-ION BATTERY SPECIFICATION

Part Number	
Model	JBL-B-2.5K-R
Nominal Voltage [V]	25.6
Nominal Capacity [Ah]	100
Total Energy [Wh]	2560
Dimension (W*D*H, mm)	442*300*110
Weight [Kg]	23
Max. Charging Current [A]	100
Max. Discharging Current [A]	100
Pulse Discharge Current	120A @2S
Charging Voltage [V]	27.6~28.8
End of Discharge Voltage [V]	22.4 (Backup Application) / 24 (Cycle Application)
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range <sup>(1)</sup>	Standard Product: Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C With Optional Heater: Charge / Discharge: -30 ~ +55°C
Cycle Life <sup>(2)</sup>	>6000
Designed Calendar Life	10 Years
Communication interface	For inverter : RS485 For battery to battery: LINK-IN, LINK-OUT
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support <sup>(3)</sup>	Yes, Max. 15 Sets
Series Support	Not support

Note:

(1) Normally the Li-ion battery operation temperature range is : discharge -20~+55°C, charge 0~+55°C, temperature is below -5°C and the charger is connected. If the heater is installed, it will automatic start to work once the cell

(2) 25°C, 0.5C /0.5C , 100%DOD to 70% of initial capacity.

(3) For parallel connection, refer to user manual.

## Dimension

