

51.2V280Ah



RACK MOUNTED LI-ION BATTERY



SAFETY

- + Prismatic LiFePO₄ cells-3.2V280Ah, Longer cycle life and much more safety.
- + Low voltage system, safety for application.
- + Cell certification IEC62619, UL1973, UL9540A.
- + UN38.3 certification for system.



DESIGN

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



SCALABILITY

- + Parallel support for more energy.
- + Optional accessories for Bluetooth module, Heater.



BATTERY MANAGEMENT SYSTEM

- + Independent protection for charge and discharge.
- + SOC, SOH display and PC software for detailed operation.
- + OVP, LVP, OCP, OTP, LTP protection.
- + RS485,CAN, communication port.

For more information, contact with: sales@ritarpower.com

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RACK MOUNTED LI-ION BATTERY SPECIFICATION

Part Number	
Model	R-LFP51.2V280Ah
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	280
Total Energy [Wh]	14336
Dimension (W*D*H, mm)	442*650*250
Weight [Kg]	105
Max. Charging Current [A]	100
Max. Discharging Current [A]	140
Pulse Discharge Current	200A @10S
Charging Voltage [V]	55.2~58.4
End of Discharge Voltage [V]	44.8 (Backup Application) / 48 (Cycle Application)
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life	>4000
Designed Calendar Life	10 Years
Communication interface	RS485, CAN
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support	Yes, Max. 15 Sets
Series Support	Not support

R-LFP51.2V280Ah Dimension

