



ORYXESS RX51100

51.2V 100Ah 5.12kWh



The RX51100 51.2V 100Ah 5.12kWh rackmount battery is designed for home and commercial energy storage systems and utilizes LiFePO4 technology, which provides a stable and reliable power solution with high safety, long life, and scalability.

**Modular and
scalable**

**10-year warranty &
technical support**

**Max. 63 batteries
in parallel**

**More compact
design**

**Intelligent Management
System**

**Long Life &
Deep Cycle**

**Better price,
bigger capacity**

**For on-grid and
off-grid**

**Safe and reliable
LiFePO4**

ITEM		General Parameter
Model		RX51100
► Manifestation		
Nominal Capacity (wh)		100Ah / 5.12kWh
Nominal Voltage (V)		51.2V
Max. Charging Current		80A
Max. Discharging Current		120A
Sustainable Power		51.2kW
Max. Output Power		6.1kW, 1s
Efficiency		> 97%
► Communication		
Interface		RS232, RS485, CAN, WIFI(Optional)
Supported Protocols		RS485, CAN
RMON		LAN, WiFi (Optional)
► General Specification		
Dimension(mm)(W*H*D)		538*483(442)*136
Weight(Kg)		46
Battery Type		LiFePO4
Cycle Life		> 6000 cycles, 25°C
► Installation		
Installation Methods		Wall or Rack Mount
Storage Temperature		0~35°C
Altitude(m)		< 4000
► Environment		
Protection Level		IP20
Relative Humidity		0-95%, Non-condensing
Noise Levels		< 29dB
► Certifications		
Certifications		UN38.3