



SR5K-UL

51.2V | 100 AH | 5.12 kWh

- LiFePo4 Chemistry
- UL 1973, UL 9540a, UL9540
- >6000 Cycles @90% DOD
- >15 Year Cycle Lifespan
- Parallel multiple units
- Double-Redundant BMS
- 10 Year Warranty
- Rack Mount Design

Battery Specifications

Chemistry:	Lithium Iron Phosphate (LFP)
Nominal Voltage:	51.2 VDC
Voltage Range:	47.5 VDC to 58 VDC
Nominal Capacity:	100 Ah
Nominal Energy:	5.12 kWh
Unit Dimensions (LxWxH):	17.32" x 24.41" x 4.61" (2.6U)
Unit Weight:	112.5 lbs
Peak Discharge Rate:	5.22 kW@15s (1C)
Maximum Continuous Discharge Rate:	50 A (2.56 kW DC)
Standard Continuous Discharge Rate:	50 A (2.56 kW DC)
Maximum Continuous Charge Current:	50 A
Standard Continuous Charge Current:	50 A
Round-Trip Efficiency:	≥95%
Communication Protocol:	RS232, RS485, CAN
Cycle Life:	≥6000 cycles @90% DOD
Battery Lifespan:	≥15 years
Operating Temperature:	14°F to 122°F
Connection Type:	Parallel
Certificates:	UL 1973, UL9540a, UL9540 (Sol-Ark)
Warranty:	10 years



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