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**SPECIFICATION SHEET**

**Model: S48-200R**

Rated Voltage	48V
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Rated Energy	9600Wh
Total Energy	10240Wh
Max Continuous Discharge	100A (0.5C)
Recommended Continuous Discharge	50A
Max Continuous Charge (CC)	100A (0.5C)
Recommended Continuous Charge (CC)	50A
Pulse Discharge	120A @10s
Charge Voltage (CV)	58.4V
Discharge Cut Off Voltage	40V
Cell Type	Prismatic LiFePO <sub>4</sub>
Construction	6U Rackmount, Steel Enclosure
Dimensions	480x590x280mm
Weight	91kg
BMS Protection	Voltage / Current / Temperature / Short Circuit
Communication	CAN/RS485
Parallel Support	Yes (Max 16 units, comms required)
Series Support	No
Cycle Life	>2500 cycles @80% DoD
Warranty	5 Years
Operating Temperature	-5°C ~ 55°C
Operating Humidity	0~95% RH (Non-condensing)
Certification	CE / UN38.3 / MSDS / IEC 61000 / ISO 9001

\* Due to continuous product improvements, specifications are subject to change without further notice. Latest specifications will be published on [lifepower.za.com](http://lifepower.za.com)