



SK48V392

LITHIUM IRON PHOSPHATE BATTERY
20 kWh Energy Storage

/// FLEXIBLE INSTALLATION

01

FLOOR-STANDING



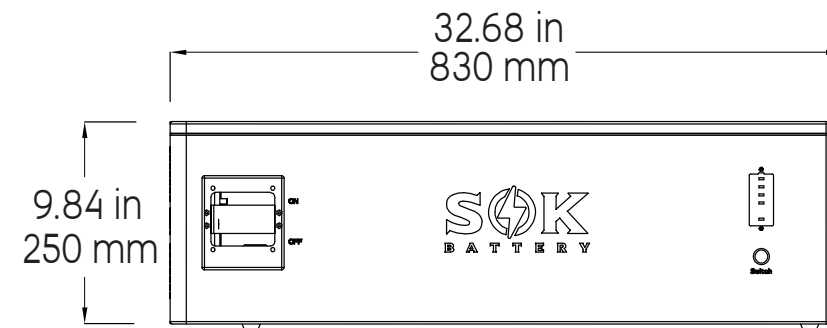
02

STACKED

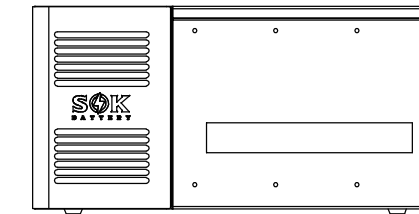


03

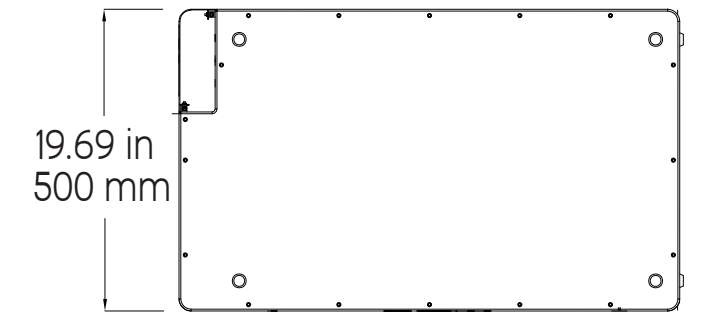
BUILT IN RV



Front view



Side view



Top view



51.2 V

Nominal Voltage



392 Ah

Nominal Capacity



20 kWh

Nominal Energy



9500+

Cycle Life @ 80% DoD



IP55

IP Rating



5 years

Warranty

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2 V
Nominal Capacity	392 Ah
Nominal Energy	20 kWh
Operating Voltage	43.2 V ~ 58.4 V
Charge Voltage	56.8 V
Float Voltage	54.6 V
Recommended Charge Current	150 A
Max. Charge Current	200 A
Recommended Discharge Current	150 A

Max. Discharge Current	200 A
IP Rating	IP55
Communication	RS485 / CAN / Bluetooth
Cycle Life @ 80% DoD	≥ 9500 cycles
Design Life	15 years
Charge Temperature	-22~131°F (-30~55°C) (Self-heating)
Discharge Temperature	-22~140°F (-30~60°C)
Recommended Storage Temperature	Min: 32°F (0°C) / Max: 104°F (40°C)

Dimension (W×H×D)	19.69 × 9.84 × 32.68 inch 500 × 250 × 830 mm
Net Weight	150 kg
Cell Configuration	16S1P

Cell Chemistry	LiFePO4
Certifications	UN38.3 / UL1973 pending / CEC pending
Warranty	5 Years standard, expand warranty optional

Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.



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