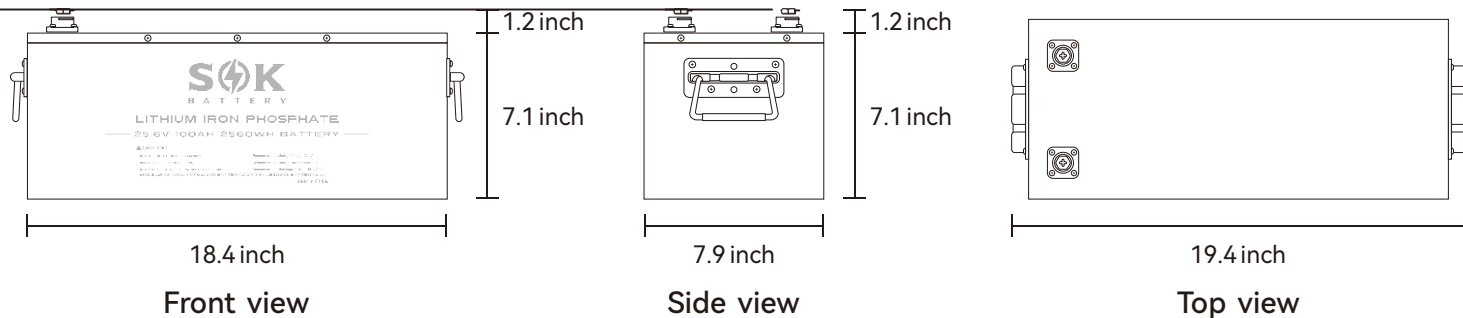


SK24V100

LITHIUM IRON PHOSPHATE BATTERY  
Drop-In Replacement LiFePO4 Battery



ELECTRICAL PERFORMANCE

Nominal Voltage	25.6V
Nominal Capacity	100Ah
Energy	2560Wh
Self Discharge	≤3% Per Month
Cells	3.2V 100Ah Cell

TEMPERATURE PERFORMANCE

Discharge Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
Charge Temperature	32 ~ 113 °F (0 ~ 45 °C)
Storage Temperature	23 ~ 95 °F (-5 ~ 35 °C)
BMS High Temperature Cut-Off	149 °F (65 °C)
Reconnect Temperature	131 °F (55 °C)

CHARGE PERFORMANCE

Recommended Charge Current	50A
Maximum Charge Current	100A
Recommended Charge Voltage	28.8V-29.2V
BMS Charge Cut-Off Voltage	<29.2V
Reconnect Voltage	>28.8V
Balancing Voltage	<28.8V
Maximum Batteries in parallel	10

MECHANICAL PERFORMANCE

Dimension (L x W x H)	19.4*7.9*7.1inch
Approx. Weight	55 lbs
Terminal Type	M8
Terminal Torque	80 ~ 100 in-lbs (9 ~ 11 N-m)
Case Material	Black Paint Metal
Enclosure Protection	IP50

DISCHARGE PERFORMANCE

Maximum Continuous Discharge Current	100A
Peak Discharge Current	170A(4S)
Recommended Low Voltage Disconnect	22.4V
BMS Discharge Cut-Off Voltage	>20.8V
Reconnect Voltage	>23.2V
Short Circuit Protection	200 ~ 500

COMPLIANCE

Certifications	UL1973,UL9540A,IEC62619 for cells MSDS for shipping
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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.