

# CURRENT CONNECTED

®

## SOK 12V 206Ah Data Sheet

Electrical Performance	
Nominal Voltage	12.8V
Nominal Capacity	206Ah
Capacity @ 20A	618 min
Energy	2636Wh
Resistance	≤28 mΩ @ 50% SOC
Self Discharge	<3% per month
Cells	3.2V



Charge Performance	
Recommended Charge Current	up to 40A
Burst Charge Current	50A
Recommended Charge Voltage	14.6V
BMS Charge Cut-Off Voltage	>14.6V
Reconnect Voltage	<14.6V
Max Batteries in Series	4

Temperature Performance	
Discharge Temperature	-22 to 140°F (-30 to 60°C)
Charge Temperature	32 to 140°F (0 to 60°C)
Storage Temperature	-22 to 140°F (-30 to 60°C)
BMS Low Temp Cut-Off	32°F (0°C)
Reconnect Temperature	>33°F

Discharge Performance	
Max Cont. Discharge Current	100A
Peak Discharge Current	200A (3s, auto shutdown)
BMS Discharge Cut-Off Current	330A ± 10A (6~16 ms)
Rec. Low Voltage Disconnect	11.2V
BMS Discharge Cut-Off Voltage	<10.4V (50~150 ms)
Reconnect Voltage	>11.6V
Short Circuit Protection	200~500 μs

Mechanical Performance	
Dimensions (LxWxH)	Metal: 12.3 x 12.9 x 7.9 inches Plastic: 10.9 x 13.3 x 9.6 inches
Appx. Weight	44-47 lbs.
Terminal Type	M8
Terminal Torque	7.5 ft.-lbs. (9~11 N-m)
Case Material (Marine)	Black Paint Metal (Plastic)



Compliance	
Certifications	N/A
Enclosure Protection	IP50/IP65