

BANSHEE™

"IT'S NOT A BATTERY, IT'S A BANSHEE"

LITHIUM-ION MARINE

Advanced LiFePO4 Technology

SPECIFICATIONS

Nominal Voltage	12.8V
Capacity @ 25A	80Ah (192min) (Main Capacity: 65Ah) (Emergency Capacity: 15Ah)
Energy	1024Wh
Cold Cranking Amps	1200CCA
Cranking Amps	1400CA
Chemistry	LiFePO4 (Lithium Iron Phosphate)
Max. in Series/Parallel	4
Terminal Type	Copper Dual SAE/M8 Stud
Terminal Torque	15mm/8mm
Emergency Restart	YES
Case Material	ABS
IP Rating	IP65
Weight	19.4 Lbs (8.8 Kg)
Resistance	≤50mΩ @ 50% SOC
Efficiency	99%
Self Discharge	<3% per month



DISCHARGE SPECIFICATIONS

Max. Continuous Discharge Current	100A
Peak Discharge Current	200A (7.5s±2.5s)
BMS Discharge Cut-Off	200A±10A (10±4ms)
Recommended Low Voltage Disconnect	11.8V
BMS Discharge Voltage Cut-Off	8V (2.0±0.08vpc) (140±60ms)
Reconnect Voltage	9.2V(2.5±0.1vpc)
Short Circuit Protection	200-600µs

CHARGE SPECIFICATIONS

Recommended Charge Current	5A-50A
Max. Charge Current	100A
Charge Current (-25° ~ 70°C)	100A±10A (10±4ms)
Recommended Charge Voltage	14.2V-14.6V
BMS Charge Voltage Cut-Off	15.6V
Reconnect Voltage	14.6V (3.6±0.050vpc)
Balancing Voltage	14.6V (3.6±0.025vpc)

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-4° ~ 140°F (-20° ~ 60°C)
Charge Temperature	-4° ~ 113°F (-20° ~ 45°C)
Storage Temperature	23° ~ 95°F (-5° ~ 35°C)
BMS High Temperature Cut-Off	176°F (80°C)
Reconnect Temperature	122°F (50°C)

DIMENSIONS

BCI Group Size	27M
Length	12.01" (305mm)
Width	6.81" (173mm)
Container Height	7.87" (200mm)
Height with Terminals	8.66" (220mm)

