

# ENERGENIE™

HARRIS LITHIUM POWER

CONTACT US TODAY!



1-800-367-7670



INFO@HARRISBATTERY.COM

## FEATURES & BENEFITS

### TAKE CONTROL OF YOUR ENERGY WITH ENERGENIE™ COMPACT LITHIUM POWER.

Harris Battery has made significant engineering and technology investments to ensure your business is positioned for the growth opportunity that exists in the Recreational Vehicle and Marine sector. Our in-house engineering resources are ready to partner with your business to deliver an integrated maintenance-free battery and charging system designed to maximize performance of 12V house power.

- + Safe LiFePO4
- + Intelligent Battery Management System (BMS)
- + Compatible with most industry standard inverters and chargers
- + Industry-leading design life and warranty
- + UL1973 certified pack available. Inquire for more information
- + Warranty—5Year Full



## EnerGenie™ 12

7.7

10.2

### ELECTRICAL SPECIFICATIONS

DC Nominal Voltage	12.8 VDC	12.8 VDC
Rated Nominal AH	620 AH	840 AH
Rated Nominal Capacity	7.9 kWh	10.7 kWh
Capacity @ 25A	1440 Min	1920 Min
Available AH	600 AH	800 AH
Useable Energy	7.7 KWh	10.2 KWh
Throughput Energy	22 MWh	29 MWh
Short circuit current and duration	3989A @ 0.15 Sec	5612A @ 0.10 Sec
Efficiency	98%	98%
Max EnerGenie™ Packs in Parallel * MSC Required	36	36
Max EnerGenie™ Packs in Series	0	0

### CHARGE/DISCHARGE SPECIFICATIONS

Max Continuous Charge/Discharge Amps	300A	400A
Max Continuous Charge/Discharge kW	3.8 kW	5.1 kW
Max Bulk Charge Voltage	14.4V	14.4V
Recommended Bulk Charge Voltage	14.0V	14.0V
Recommended Absorb Voltage	14.0V	14.0V
Recommended Float Voltage	13.6V	13.6V
Minimum Disconnect Voltage	11.6V	11.6V
Temperature Compensation	0	0
Equalization	Disable	Disable

Max Absorb time

6 Minutes (0.1 hour)

6 Minutes (0.1 hour)

## EnerGenie™ 12V

7.7

10.2

### TEMPERATURE SPECIFICATIONS

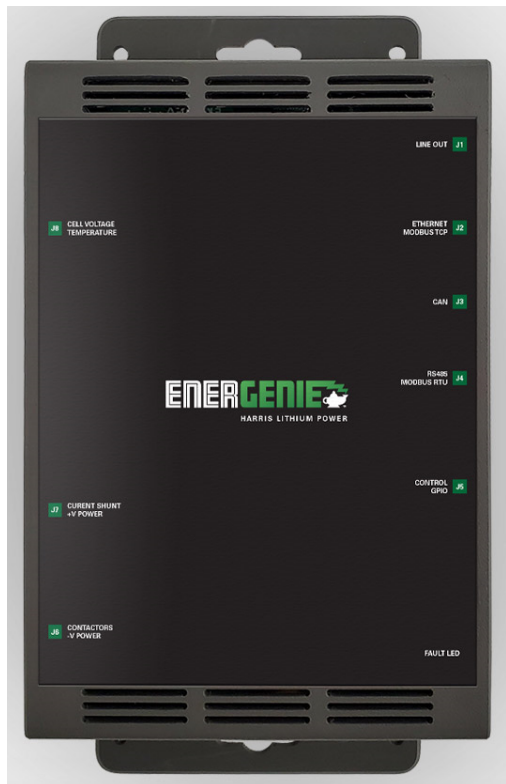
Operating Temperature	41°F-122°F (5°C-50°C)	41°F-122°F (5°C-50°C)
Storage Temperature	15°F-100°F (-10°C-40°C)	15°F-100°F (-10°C-40°C)
Automatic Heating System	Installed	Installed

### MECHANICAL SPECIFICATIONS

Dimensions (LxWxH) (+/- .5" Tolerance)	25" x 16" x 17"	30" x 17" x 18"
Weight (+/- 3% Tolerance)	210 lbs (95 kg)	285 lbs (129 kg)
Rebling Terminal Type	M10 x 1.5 SS Bolt	M10 x 1.5 SS Bolt
Rebling Terminal Torque	60-80 in-lbs	60-80 in-lbs
Case Material	Steel	Steel
Cell Type – Chemistry	Prismatic – LiFePO4	Prismatic – LiFePO4

### COMPLIANCE SPECIFICATIONS

Certification	Built with UL/CSA certified components, UN38.3
IP Rating:	IP 20
Shipping Classifications	UN3480, Class 9



**EnerGenie™** lithium battery banks are known for superior technology and performance, but there is more to the story. Even the best on-the-road lithium battery product needs a control system to maximize performance, regulate energy consumption and protect your investment.

The proprietary **EnerGenie™ Battery Management System (BMS)** exercises overall control of the battery pack to ensure it is operating within the defined parameters, including the following:

- Temperature — Cell and Overall stack temperature monitoring
- Voltage — Cell and overall stack voltage monitoring
- Current — Current measurement and monitoring
- Open wire protection
- SOC — The State of Charge has an important role in determining the available capacity of the battery pack
- SOH — State of Health is an important indicator of the battery's health
- Manual fault reset functionality
- Fail-safe technology — Including multiple contactors that are controlled by the BMS