

# HUBLiON

## 48V-100AH

RECHARGEABLE  
LITHIUM STORAGE



Our next generation Lithium Iron Phosphate battery module for home and commercial projects. Providing safe, well designed, and high performance energy storage capabilities.

## FEATURES

### Long lasting / Exceptional lifespan

- › Tier One, Lithium Iron Phosphate (LFP), Prismatic cells.
- › 6000+ cycles, 10-15 year lifespan.

### Embedded Heating Technology

- › Designed for use in cold temperature environments.

### Smart Battery Management System (BMS)

- › Sophisticated design, with proven high reliability.
- › Remote upgrade capability.

### Safety tested to highest standards

- › Electrical code compliant, UL1973 and UL9540A.
- › Closed loop communications available.

### Rackmount design

- › Provides a simplified and space-saving installation.

### High Capacity power delivery

- › Fully discharge or recharge in one hour (1/C).



The compact rackmount design, is configurable for small, and large scale projects. Our 48V modules can be paralleled, using bus bar connections from module to module.

Applications include cabins, homes, commercial, industrial, Back up power and remote telecommunication sites.

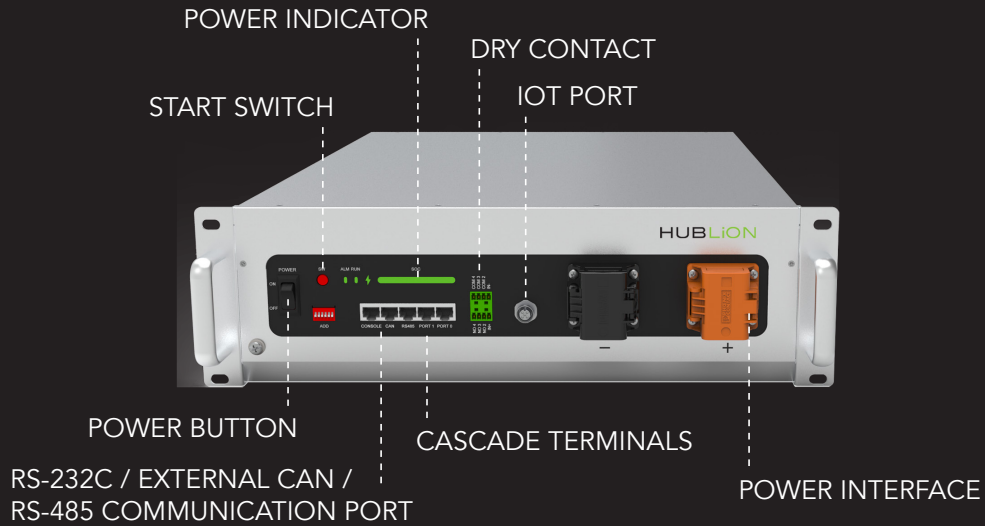
## 10 YEAR WARRANTY

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# TECHNICAL



BATTERY MODEL	HUB-51.2V-100-LFP-RMH
Chemistry	Lithium Iron Phosphate (LFP)
Nominal Voltage	51.2V
Voltage Range	44.8V - 57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Unit Dimension (L x W x H) in	19" x 20.9" x 5.5"
Weight	97 lbs
Standard Charge/Discharge	75A
Maximum Continuous Charge/Discharge	100A
Peak Charge/Discharge	150A (at 15s)
Round-Trip Efficiency	≥95%
Communication Protocol	CAN/RS485
Cycle Life	≥6000 cycles (@ 90%DOD)
Design Life	10 - 15 years
Operating Temperature	-10°C~55°C
Maximum Modules in Parallel	Parallel up to 16 modules per string Parallel up to 7 strings - Contact us.
Heating System	Embedded Heating Included