



ADVANCED ENERGY  
STORAGE SYSTEMS



**SERIES & PARALLEL READY**

## HUBBLE LITHIUM S-120 12.8V 1.5KWH

- High Cycle Life and Service Life
- High Performance Lithium battery
- Internal Battery Management System
- Excellent high temperature performance
- High energy density and conversion efficiency
- Can be configured in 12V, 24V, 36V or 48V in series
- Easy drop in replacement for old lead acid battery installs
- BMS protects internal cells and ensures smooth operation
- Compatible with most UPS & Inverters using AGM/VRLA charge setting
- Built-in protection for over-charge, over-discharge & over-temperature
- External cell balancer required when placing in series to ensure balancing
- Perfect replacement Lithium solution for upgrading your lead acid installation

ITEM	SPECIFICATION
Model	Hubble S-120
Rated Capacity (5HR)	120 Ah
Nominal Voltage	12.8 V
Discharge Ending Voltage	11.0 V
Charging Limited Voltage	14.4 V
Max. Charging Current	100 A
Max. Continuous Discharging Current	100 A
Cell C Rating	1.0 C
Weight	Approx. 18 Kg
Configuration	4 in series with 4 banks in parallel for maximum 16 batteries
Parallel	Parallel up to 4 strings
Dimensions (W x D x H)mm	405mm x 173mm x 238mm
Maximum DC Limits	Maximum 100 Amp Charge per bank & 100Amp discharge per bank
Cells	Prismatic LiFePO4
Design Life	+/- 15 years
Cycle Life @ 1C	+/- 2 000 Cycles
Certification	CE, UN38.3, GBT31484-2015, GBT31485-2015, GBT31486-2015
Outer Package Material	Black Polypropylene Plastic
Operating Temperature	Charging: 0 to +55°C      Discharging: -20 to +55°C      Storage: -20 to +55°C
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Under Voltage Protection

\* Due to continuous product improvements, specifications are subject to change without further notice.

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All products are manufactured to the following standards:

