

## S-100A



12.8V

Nominal Voltage

1.2kWh

Capacity

100Ah

**Rated Capacity** 

## **FEATURES**

- + Series & parallel ready
- + 1C high performance lithium battery
- + Suitable for lead acid replacement when paired with lithium compatible inverters
- + Internal Battery Management System
- + Can be configured in 12V, 24V, 36V or 48V in series
- + BMS protects internal cells and ensures smooth operation

- + High cycle and service life
- + Compatible with most UPS & Inverters using AGM/VRLA charge setting
- + Built in protection for over-charge, overdischarge and over-temperature
- + Can parallel up to 16 batteries in 48V configuration. 4 in series and 4 in parallel\*\*









## **TECHNICAL** DATA

Item	Specifications
Model	Hubble S-100A
*Rated Capacity (5HR)	100 Ah
Nominal Voltage	12.8 V
Discharge Ending Voltage	12 V
Charging Limited Voltage	14 V
Max. Continuous Charging Current	100 A
Max. Continuous Discharging Current	100 A
C Rating	1.0 C
Depth of Discharge	100%
Weight	Approx. 10.5 Kg
Configuration	4 in series with 4 banks in parallel for maximum 16 batteries
Parallel	Parallel connection is up to 4 strings
Dimensions (WxDxH) mm	305mm x 170mm x 220mm
Maximum DC Limits	Max 100A charge per bank & 100A discharge per bank
Cells	1st Life Prismatic LiFePO4
Design Life	+/- 15 Years
Cycle Life @ 1C	+/- 4000 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, Current Limiting
IP Rating	IP65



Suitable for lead acid replacement when paired with lithium compatible inverters



Due to continuous product improvements specifications are subject to change without prior notice.

<sup>\*\*</sup> When connecting multiple batteries in series, ensure you use a battery balancer else the warranty will be void.
\*\*\* To prolong battery life the recommended charging current is 30A.