



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, over-discharge 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.

** 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.