SINETECH
THE POWER OF CHOICE

2 Samantha Street, Strijdom Park,
Randburg, Johannesburg, 2194
Tel: (+27) 11 886-7874 | Fax: (+27) 11 787 0178
sales@sinetech.co.za | sinetechstore.co.za

HUBBLE
LITHIUM BATTERY

ADVANCED ENERGY
STORAGE SYSTEMS

SERIES & PARALLEL READY

HUBBLE LITHIUM - S-100
12.8V 1.2KWh

- Internal Battery Management System
- BMS protects internal cells and ensures smooth operation
- Excellent high temperature performance
- High Cycle Life and Service Life
- Can be configured in 12V, 24V, 36V or 48V in series
- 1C High Performance Lithium battery.
- High energy density and conversion efficiency
- Can parallel up to 16 batteries in 48V configuration. 4 in series and 4 in parallel
- Compatible with most UPS & Inverters using AGM/VRLA charge setting
- Low self discharge
- Easy drop in replacement for old lead acid battery installs
- Perfect replacement Lithium solution for upgrading your lead acid installation
- Built in protection for over-charge, over-discharge & over-temperature

ITEM	SPECIFICATION		
Model	Hubble S-100		
Rated Capacity (5HR)	100 Ah		
Nominal Voltage	12.0 V		
Discharge Cutoff Voltage	11.0 V		
Equilized Charge Voltage	14.4 V		
Max. Continuous Charging Current	100 A		
Max. Continuous Discharging Current	100 A		
C Rating	1.0 C		
Weight	Approx. 18 Kg		
Configuration	4 in series with 4 banks in parallel for maximum 16 batteries		
Parallel	Parallel connection up to 4 strings		
Dimensions (WxDxH) mm	405mm x 173mm x 238mm		
Maximum DC Limits	Maximum 100Amp charge per bank & 1 00Amp discharge per bank.		
Cells	Prismatic LiFePO4		
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.

All products are manufactured
to the following standards:

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