

# HALO

RELIABLE ENERGY

## HALO S100

### LiFePO4 Lithium

SERIES AND PARALLEL READY DROP IN REPLACEMENT FOR LEAD ACID INSTALLS

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.

Model	S-100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	12.0 V
Discharge Cut-off Voltage	11.2 V
Equalized 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 Kgs

Dimensions (WxDxH) mm	405 x 173 x 238 mm
Maximum DC Limits	Maximum 100Amp charge per bank & 100Amp discharge per bank
Cells	Prismatic LiFePO4
Design Life	+/- 15 Years
Cycle Life @ 1Cq	+/- 2 000 Cycles

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