



HV-512

512V

Nominal Voltage

51.2kWh

Capacity

100Ah

Rated Capacity

FEATURES

- + Smart BMU
- + Built-in Cloudlink for 24/7 monitoring
- + Optional proactive monitoring service
- + Innovative modular design for ease of transport and installation
- + Intelligent touch screen
- + Firmware updates over the internet
- + 1C high-performance ESS
- + High cycle & service life
- + Easy rackmount system modules
- + 10 packs of 16 cell LiFePO4 battery system
- + Compatible with most high voltage inverters
- + CAN Bus, fully integrates and communicates with leading Inverter brands
- + Parallel up to 8 ESS Systems per string with full communications



MONITORING
INCLUDED



EASY
INSTALLATION



SCALABLE



SAFE +
RELIABLE

TECHNICAL DATA

Item	Specifications
Model	Hubble HV-512
*Rated Capacity (5HR)	100 Ah
Nominal Voltage	512 V
Discharge Cutoff Voltage	448 V
Equalized Charge Voltage	557 V
Max. Continuous Charging Current	100 A
Max. Continuous Discharging Current	100 A
C Rating	1.0 C
Depth of Discharge	100%
Weight	Approx. 600 Kg without cabinet
Monitoring	Built-in Wi-Fi enabled cloud monitoring
Parallel	Parallel connection up to 8 ESS systems with full communications
Dimensions (WxDxH) mm	Standard 47U cabinet dimensions: 2200mm x 693mm x 1102mm
Ports	1 x CAN-bus, 2 x Battery Link Ports
Cells	16 cells per pack. 160 cells total. New Li-ion prismatic LiFePO4 cells
Design Life	+/- 15 Years
Cycle Life @ 1C	Above 6000 cycles @ 80% DoD, +/- 4000 cycles @ 100% DoD
Certification	CE, UN38.3, GBT31484-2015, GBT31485-2015, GBT31486-2015
Outer Package Material	Black bake lacquer steel case
Operating Temperature	Charging: 0 to +55°C Discharging: 0 to +55°C Storage: 0 to +55°C
Protection	Circuit breaker per pack, BMS Voltage Protection, Current Limiting



Built-in Remote
Monitoring with the
Hubble Cloudlink



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