



# HV-615

615V

Nominal Voltage

61.5kWh

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-615  |
| *Rated Capacity (5HR)               | 100 Ah   |
| Nominal Voltage                     | 615 V  |
| Discharge Cutoff Voltage            | 576 V  |
| Equalized Charge Voltage            | 668 V  |
| Max. Continuous Charging Current    | 100 A  |
| Max. Continuous Discharging Current | 100 A  |
| C Rating                            | 1.0 C  |
| Depth of Discharge                  | 100%   |
| Weight                              | Approx. 650 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: 693mm x 1102mm x 2200mm               |
| 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.