



# HUBBLE

LITHIUM BATTERY

ADVANCED ENERGY  
STORAGE SYSTEMS



## HUBBLE LITHIUM - AM-2 51V 5.5KW

- Advanced BMS with current limiting function
  - CAN Bus, fully integrates and communicates with leading Inverter brands
  - Excellent high temperature performance
  - High Cycle Life and Service Life
  - RIOT integration ready for cloud monitoring
  - Advanced LCD display with battery state, voltage, cycles, etc.
  - High Energy Density and conversion efficiency
  - Complete with integrated Battery Management System
  - Compatible with most Inverters and chargers
  - Low self discharge
  - Easy wall mount or shelf rack installation
  - Heavy duty side handles for easy handling and mounting on the wall
  - Built in protection for over-charge, over-discharge & over-temperature

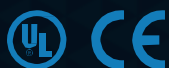


APPROVED BATTERY

| ITEM                                | SPECIFICATION  |                           |                       |
|-------------------------------------|--|---------------------------|-----------------------|
| Model                               | Hubble AM-2  |                           |                       |
| Rated Capacity (5HR)                | 100 Ah   |                           |                       |
| Nominal Voltage                     | 51.0 V   |                           |                       |
| Discharge Cutoff Voltage            | 42.0 V   |                           |                       |
| Equilized Charge Voltage            | 54.0 V   |                           |                       |
| Max. Continuous Charging Current    | 100 A  |                           |                       |
| Max. Continuous Discharging Current | 100 A  |                           |                       |
| C Rating                            | 1.0 C  |                           |                       |
| Weight                              | Approx. 42 Kg  |                           |                       |
| Display                             | None   |                           |                       |
| Parallel                            | Parallel connection up to 15 packs with full communications          |                           |                       |
| Dimensions (WxDxH) mm               | 375mm x 145mm x 467mm  |                           |                       |
| Ports                               | 1x CAN-bus, 2x RS-485, 1x RS232                                      |                           |                       |
| Cells                               | New BYD Li-ion Cells   |                           |                       |
| Cycle Life @ 1C                     | +/- 3 000 Cycles with 80% battery life left                          |                           |                       |
| Certification                       | CE, UN38.3, GBT31484-2015, GBT31485-2015, GBT31486-2015              |                           |                       |
| Outer Package Material              | White bake lacquer steel case  |                           |                       |
| 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 |                           |                       |

\* 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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