



51.2V 5.12KWH

AM-5

V1.0

UNLIMITED CYCLES



- Low self discharge ✓
- High cycle and service Life ✓
- 1C High performance lithium battery ✓
- Easy wall mount or shelf rack installation ✓
- Excellent high temperature performance ✓
- Advanced BMS with current limiting function ✓
- Compatible with most inverters and chargers ✓
- High energy density and conversion efficiency ✓
- Complete with integrated Battery Management System ✓
- Hubble Cloudlink integration ready for cloud monitoring ✓
- Heavy duty side handles for easy handling and mounting on the wall ✓
- Built in protection for over-charge, over-discharge & over-temperature ✓
- CAN Bus, fully integrates and communicates with leading Inverter brands ✓

TECHNICAL DATA

| ITEM | SPECIFICATIONS |
|-------------------------------------|---|
| Model | AM-5 |
| Rated Capacity (5HR) | 100 Ah |
| Nominal Voltage | 51.2 V |
| Design Capacity | 5.12 KWH |
| Equalized Charge Voltage | 55.2 V |
| Max. Continuous Charging Current | 100 A |
| Max. Continuous Discharging Current | 100 A |
| C Rating | 1.0 C |
| Depth of Discharge | 100% |
| Weight | Approx. 51 Kg |
| Monitoring | Optional Cloudlink |
| Parallel | Parallel connection up to 8 packs with full communications |
| Dimensions (WxDxH) mm | 509.62mm x 173mm x 599.67mm |
| Ports | CAN-bus, Battery Link Ports |
| Cells | New Li-ion Prismatic Cells |
| Design Life | +/- 15 Years |
| Cycle Life @ 1C | Unlimited cycles within the Hubble Lithium 10 year warranty. Ts & Cs Apply. |
| Certification | CE IEC UN38.3 |
| Outer Package Material | White bake lacquer steel case |
| Operating Temperature | Charging: -10 to +50°C Humidity: 15% to 75% Storage: 10 to +50°C |
| Protection | Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting |

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

***To prolong battery life the recommended charge current is 30 A.*



www.hubblelithium.com