



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](http://www.hubblelithium.com)