

AM-2

(Revision 2)



ADVANCED ENERGY
STORAGE SYSTEMS



HUBBLE LITHIUM - AM-2 5.5KWh

- For 48V inverter systems
- CAN Bus, fully integrates and communicates with leading Inverter brands
- Excellent high temperature performance
- High Cycle Life and Service Life
- RIOT Cloudlink integration ready for cloud monitoring
- 1C High Performance Lithium cells
- 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
- Advanced BMS with current limiting function

hubblelithium.co.za

ITEM	Specification		
Model	Hubble AM-2 (Revision 2)		
Rated Capacity (5HR)	115 Ah*		
System Voltage	48 V		
Discharge Cutoff Voltage	44.0 V		
Equilized Charge Voltage	53.8 V		
Max. Continuous Charging Current	105 A		
Max. Continuous Discharging Current	105 A		
C Rating (cell)	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 Li-ion Prismatic Cells		
Design Life	+/- 15 Years		
Cycle Life @ 1C	+/- 6000 cycles @ 50% DOD, Above 3000 Cycles @ 100% DOD,		
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, Short Circuit protection		

Due to continuous product improvements, specifications are subject to change without further notice.

* Ah design capacity nominally is between 110Ah and 120Ah.

All products are manufactured to the following standards:



**ADVANCED ENERGY
STORAGE SYSTEMS**

