



48V 5.5KWH

X-101

V2.0

- ✓ Low self discharge
- ✓ High cycle and service life
- ✓ 1C High performance lithium battery
- ✓ Heavy duty handles for easy handling
- ✓ Installs easily in a standard server rack
- ✓ Excellent high temperature performance
- ✓ Advanced BMS with current limiting function
- ✓ Compatible with most inverters and chargers
- ✓ High energy density and conversion efficiency
- ✓ Cloudlink integration ready for cloud monitoring
- ✓ Complete with integrated Battery Management System
- ✓ 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	Hubble X-101
*Rated Capacity (5HR)	116 Ah
Nominal Voltage	48 V
Design Capacity	5.5 KWH
Equalized Charge Voltage	53.8 V
Max. Continuous Charging Current	105 A
Max. Continuous Discharging Current	105 A
Cell C Rating	1.0 C
Depth of Discharge	100%
Weight	Approx. 42 Kg
Display	None
Parallel	Parallel connection up to 15 packs with full communication
Dimensions (WxDxH) mm	442mm x 495mm x 177.5mm
Ports	1x CAN-bus, 2x Battery Link ports
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, 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.

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



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