

1. General Specification

- Model : HDA 48V 100Ah Type:
- Lithium-Ion (LFP) Nominal
- Capacity: 100Ah @ 0.5C
- Minimum Capacity: 100Ah @ 1C
- Nominal Voltage: 48V

2. Electrical Characteristic

- Charging Voltage: $54.7 \pm 0.05V$
- Discharge Ending Voltage: 37.5V
- Standard Charging Current: 0.5C
- Standard Discharge Current: 1C
- Max. Charge Current: 1C
- Max. Discharge Current: 3C (3S)
- Internal Resistance: $\leq 12 \text{ m}\Omega$ (AC Impedance 1000 Hz)

3. Cycle Life

- 4000 Cycle @%80DOD

4. Temperature Range

- Charge: 0~45°C
- Discharge: -20~60°C
- Max. Short Term Charge Temp: 60°C
- Max Short Term Discharge Temp: 80°C

5. Physical Characteristics

- Diameter: $430,0 \pm 2 \times 538,0 \pm 3 \times 189,2 \pm 1$
- Weight: $50 \pm 2 \text{ kg}$



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6. Compatible Inverter Brands



Supported CAN Protocols	Supported RS485 Protocols
Protocol Name	Protocol Name
Deye	Voltronic
Growatt	Growatt
Sofar	SRNE
Victronenergy	Deye
SMA	Pylon
MUST	Sacolar
Aiswei	
Sacolar	
Solark	
Xtender	
GOODWE	

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