



VOLTA

**Volta Stage 1 5.1kWh
LiFePO4 (Lithium) Battery
(Wallmount/Floor
Standing)**

Description

Description Product Advantages: Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80%DOD, and can be used for 10-15 years. Built in intelligent battery management system, effectively avoiding overcharge, over discharge, overcurrent, short circuit and balance. High quality prismatic lithium iron phosphate battery - Higher capacity, higher current, longer life Low internal resistance of the battery, excellent continuous high current discharge performance BMS (battery management system) supports simultaneous communication and docking with multiple inverter brands,

General Data

- Battery Type: Lithium-Iron •
- Product Model: VOLTA STAGE 1
- Nominal Energy: 5.12kWH
- Nominal Voltage: 51.2VDC
- Nominal Capacity: 100AH
- Cell Type: LFP
- 1C/1C Continual Charge & Discharge
- Standard Charge Voltage: 56VDC
- Maximum Discharge Current: 100A
- Discharge Cut-Off Voltage: 44.8VDC
- Maximum Parallel Units: 8
- Design Life: 6000 Cycles @ 80% DOD @ 25°C
- Installation Type: Wall Mount & Floor Stand Environment Limit
- Ingress Protection: IP20 • Charge Temperature Range: 0°C to +65°C
- Discharge Temperature Range: -20°C to +65°C
- Communication: RS485, RS232, CAN • Safety Rating: MSDS /