

SOLMLP1648100

Solarix Must 51.2V 100Ah LiFePo4 Single Battery Module

Product Overview

Solarix Must 51.2V 100Ah LiFePo4 Single Battery Module - LCD Control Panel, Advanced BMS With Current Limiting Factor, Normal Voltage: 51.2V, Rated Capacity (5HR):110Ah, Total Usable 4.8 kWh, Maximum Continuous Charging 100A, Maximum Continuous Discharging 100A, Equalised Charge Voltage: 57.6V, Discharge Cut-off Voltage: 44.0V, Easy Wall Mount Installation, Design To Work Perfectly Hybrid Invertors Up To 7KVA, Retail Box



Specifications

Overview:

The Solarix Must 51.2V 100Ah LiFePo4 Single Battery Module is a Wall Mount Installation complete with integrated Battery Management System that is perfect for medium to large residential installation with a proven Lithium Iron Phosphate (LifePO4) chemical composition solution that offers a low internal resistance with excellent continuous high current discharge performance and great lifecycle of more than 6000 at 80% DOD. Design To Work Perfectly with Hybrid Invertors Up To 7KVA .Built-in Intelligent Battery Management System (BMS) with RS485 and CAN Bus BMS communication. This unit is designed for single use but can also be connected in Parallel with up to 4 battery packs. Batteries must be connected in parallel if more than one LiFePO4 battery is to be used. CAN Bus, fully integrates and communicates with leading inverter brands (Growatt, SOLAX, LUXPower, DEYE, MUST, Voltronic, Victron, SMA, etc.)

Features:

- Must 51.2V 100Ah LiFePo4 Single Battery Module
- Wall Mount Installation With Brackets Included
- Complete with integrated Battery Management System (BMS)
- Advanced BMS With Current Limiting Factor
- Parallel Connection Up To 4 Packs With Full Communication
- Communication CAN 2.0/RS232/RS485
- Nominal Voltage: 51.2V
- Nominal Capacity 100Ah
- Total Usable 4.8 kWh
- Maximum Continuous Charging Current: 100A
- Maximum Continuous Discharging Current: 100A
- Equalised Charge Voltage: 57.6V

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Product Specification Sheet

- Low Self-Discharge
- High Energy Density and Conversion Efficiency
- Built In Protection -Over-Charge, Over-Discharge, Over-Temperature
- LCD Control Panel with Battery Level Indicator
- Bulk Voltage 55.2V-56.8V
- Float Voltage 52.8V-54.4V
- Cut-off Voltage 44.0V-45.6V

Specifications:

- Stock Code SOLMLP1648100
- Description Solarix Must 51.2V 100Ah LiFePo4 Single Battery Module
- Complete with integrated Battery Management System
- Rated Capacity 100Ah
- Voltage: 51.2V
- Discharge Cut-off Voltage: 40.0V
- Equalised Charge Voltage: 57.6V
- Maximum Continuous Charging and Discharging Current: 100A
- Display: LCD Panel And Battery Indicator
- Parallel: Parallel connection up to 4 packs with full communications
- Design Life: +/- 15 Years
- Cycle Life @ 1C: +/-4000 Cycles @ 100% DOD, Above 6000 cycles @ 80% DOD
- Ports: 1x CAN Bus, 1x RS-485 Battery Link ports,
- Protection: Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting
- Dimensions (WxDxH): 400mm x 150 mm x 580mm
- Weight: Approx. 44kg

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SOLMLP1648100-Solarix-Must-51-2V-100Ah-LiFePo4-Single-Buy-p-294914.php>

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