

SMI-48100A1F9

Introduction

Sunwoda SMI 51.2V series LiFePO4 batteries with its integrated design and standard cabinet installation, provides stable and reliable power output for energy storage, and off-grid systems. In addition, the product can be used in parallel to match more powerful products or extend the backup time.



Features

- Larger power density
- 3U height design
- Integrated BMS to protect the battery system and increase the battery life
- Compatible with 15S (optional)

Data Sheet

Item	Specification
Nominal Voltage	51.2V
Nominal Capacity	100Ah@0.5C
Max. Charging Current	100A (1C)
End Charging Voltage	56V
Nominal Discharging Current	50A (0.5C)
Max. Discharging Current	100A (1C)
End Discharging Voltage	45.6V
Operating Environment Temperature	-10~55°C
Storage Temperature	-20~45°C(in 1 month)
Design Life	15~35°C(in 6 months)
Communication	≥10 years
Cycle Life	RS485, CAN
Dimension (W*D*H)	4000 cycle@0.5C 25°C80%DOD 442mm*500mm*132mm
Weight	About 45kg (excluding mounting ears)

