

# SMI-48100A1F6

## Introduction

Sunwoda SMI 48V series LiFePO4 batteries with its integrated design and standard cabinet installation, provides stable and reliable power output for communication base station power, 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
- Gyro anti-theft and communication anti-theft (optional)
- Compatible with 15S (optional)

## Data Sheet

Item	Specification
Nominal Voltage	48V
Nominal Capacity	100Ah@0.2C
Max. Charging Current	100A (1C)
Full charge	52.5V- 55V
Nominal Discharging Current	50A (0.5C)
Max. Discharging Current	100A (1C)
End Discharging Voltage	43.2V
Operating Environment Temperature	Charge 0~55°C, Discharge: -20~60°C.
Storage Temperature	-20~45°C (in 1 month)
	15~35°C (in 6 months)
Design Life	≥10 years
Communication	RS485, RS232
Cycle Life	4000 cycle@0.5C 25°C 80%DOD 70%EOL
Dimension (W*D*H)	442mm*399mm*130mm excluding mounting ears
Weight	About 39kg (±1kg)