

4850-050  
48100-48150-48200



## SUNPAL LITHIUM BATTERY

SP4850-2U / SP48100-5U / SP48150-5U / SP48200-5U

Sunpal lithium battery adopts the latest HESS battery system. With rich experience and advanced techniques, the product has the features of the fashionable design, high energy, high power density, long service life, and easiness of installation and expansion, all of which reflect the real requirements of the end users and strongest technical capability of our company.

### Features

#### ● Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 140KW with single max module (10.24KWh) at 14pcs parallel connection

#### ● Intelligent

Each battery with independent BMS system manages power output smartly and effectively

#### ● Long life and safety

Vertical industry integration ensures more than 6000 cycles with 80% DoD Safe Lithium iron phosphate battery cell

#### ● Easy to install and use

Just plug and play to minimize the installation time and cost Compact and fashionable design fits in your sweet home environment.

#### ● Compatibility

Compatible with most of the available Hybrid inverters

#### ● Safety Cert

UL1642, IEC62619, CE, UN38.3, MSDS.

Battery Specifications				
Model No	SP4850-2U	SP48100-5U	SP48150-5U	SP48200-5U
Nominal Voltage	48V	48V	48V	48V
Nominal Capacity	2400Wh	4800Wh	7200Wh	9600Wh
Dimensions (L×W×H)	442×480×88mm	442×480×220mm	442×560×220mm	442×650×220mm
Weight	23kg	48kg	72kg	87kg
Discharge Voltage	45-54V	45-54V	45-54V	45-54V
Charge Voltage	52.5-54V	52.5-54V	52.5-54V	52.5-54V
Max Discharge Current	50A	100A	100A	120A
Max Charge Current	50A	100A	100A	120A
Communication	RS32, RS485, CAN			
Charging Temperature	0°C-50°C			
Discharging Temperature	-10°C-50°C			
Shelf Temperature	-20°C-60°C			
Certification	IEC/CE/UN38.3			
Design Life	10+ Years(25°C/77°F)			
Cycle Life	>6000(80%DoD)			

