



SUNPAL LITHIUM BATTERY

SP5000U/SP7000U/SP10000U

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.

LITHIUM BATTERY STORAGE SYSTEM



Battery Specifications			
Model No	SP5000U- 5KWH	SP7000U- 7KWH	SP10000U- 10KWH
Voltage	48 V	48 V	48 V
Capacity	100 Ah	150 Ah	200 Ah
Energy	4.8 kWh	7.2 kWh	9.6 kWh
Operation voltage	42-54 Vdc	42-54 Vdc	42-54 Vdc
Max.charging voltage	54 Vdc	54 Vdc	54 Vdc
Max.charging and discharging current	100A	100A	100A
Max Power	4800 W	7200 W	9600 W
Life time(25°C)	10 years		
Life cycles(80% DOD, 25°C)	6000 Cycles		
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C		
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity		
Storage temperature	0°C to 45°C @60+/-25% Relative Humidity		
Lithium Battery Standard	UL1642, IEC62619, UN38.3, ROHS,CE-EMC		
Enclosure protection rating	IP21		
Dimensions(L×W×H)	680×480×180(220)mm	680×480×180(220)mm	680×480×180(220)mm
Weight	58.5 kg	75 kg	96.5 kg
Remark:			



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