

# SKYWORTH PV-Tech

2021



CARBON-FREE FUTURE



Designing Engineering Procurement Construction and Operation  
DEPCO

**Shenzhen Skyworth Photovoltaic Technology Co.,Ltd**

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## Shenzhen Skyworth Photovoltaic Technology Co., Ltd.

### SUBSIDIARY OF SKYWORTH GROUP

Skyworth Group founded in 1988, mainly engaged in multimedia, smart appliances, smart system and modern service. The Group has two listed companies: Skyworth Group (00751.HK), Skyworth Digital (00810.SZ).

Shenzhen Skyworth Photovoltaic Technology Co.,Ltd. is a new energy IOT company integrating development, design, construction, operation, management and consultant services. We are committed to building a smart clean energy asset construction and management platform. We always insist on offering innovative residential solar power solution, creating smart green energy system for your home, and strive to make positive contributions to reach goal of global zero carbon.







**iStar-WP**  
Power Storage Wall

### Keep Your Lights On

Enable you to use your solar electricity when there is a power cut so you are not left without power or lighting. When a power cut strikes a store of this energy could be invaluable to your household.

### Smart Energy Control

Daily automatic energy control and you can set your own power preferences, monitor system operation and savings with intuitive software, and ensure seamless transfers from grid power to battery power and back.

### Modularized Compact Design & Easy Installation

Unique modularized component with compact design to minimized the space required and simplified installation process to make the installation much easier.

### Extra Safety and Warranty

Water and dust proof for outdoor environment and high quality battery ensure 8500 times recharging recycle.

### Specification

Model x	SP-5000U-5KWh	SP--10000U--10KWh
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### Nominal Parameters

Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12KWh	10.24Wh
Dimensions(L x W x H)	73.5x52.5x19CM	73.5x52.5x19CM
Weight	60.5KG	102.5KG

### Basic Parameters

Life time(25 C)	10 years	
Life cycles(80% DOD,25 C)	8500 cycles	
Storage time/temperature	5 months@25 C ; 3months 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	UL 1642,IEC62619,UN38.3,ROHS,CE-EMC	
Enclosure protection rating	IP21	

### Electrical Parameters

Operation voltage	44-58 Vdc	44-58 Vdc
Max.charging voltage	58 Vdc	58 Vdc
Max.charging and discharging current	100A	200A
Max Power	5120W	10240W

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