



# UNIPOWER

## 3-In-1

# Solar System

### SSP SERIES

#### SSP-SERIES MAIN FEATURES

All-in-one design with quick plug connector for easy Plug & Play.

Fastest Charging in the industry, 0-100% charge in 39 minutes (\*achieved in lab conditions).

Saves cost as no professional installation required.

IP65 Rated for weather protection.

A variety of output sockets: AC /USB ports.

LFP Battery, Built to last 6x longer.

Reliable Pure sine wave AC output.



For More about Unipower range of products, visit:  
[www.unipowerenergy.com](http://www.unipowerenergy.com)

3-In-1 Solar System  
SSP24-3,5-2,5-300

## Technical Parameter

Model No	SSP24-3.5-2.5-300
<b>AC Input</b>	
Rated Input Voltage	208/220/230/240 VAC
Input Voltage Range	170~280VAC(For PC);90~280VAC(For Home Appliances)
Frequency Range	50/60Hz(Auto Sensing)
AC Charging Current Range	80A
Max. Input Current	90A
<b>PV</b>	
Solar Charging Type	MPPT
PV Power	300W
Solar sells Efficiency	≥ 22%
Solar cell/No.of cells and connections	Mono crystalline silicon/36series
Front cover(material/thickness)	Low-iron temperd glass/3.2mm
<b>Output</b>	
Rated Output Power	3kW
Rated Output Voltage	(220V~240V) ± 5%
Output Frequency	50/60Hz ± 0.1%
Max. Output Current	22.7A
Peak Power	6000VA
Overload Capacity	Battery Mode: 1min@102%~110% Load ; 10s@110%~130%Load; 3s@130%~150% Load ; 200ms@>150% Load
Peak Efficiency	>94% battery mode >99% line mode
Transfer Time	10ms
<b>Battery</b>	
Battery Energy	2.56kWh
Battery Capacity	100Ah
Cell technology	LiFePO4
DOD	80%
Battery Rated Voltage	25.6VDC
Battery Working Voltage Range	22.4~29.2VDC
Max. Charging/Discharging Current	100A/100A
Recommened charge current	50A
<b>Product General Data</b>	
Designed Life-span cycle	6000
Communication Interface	RS232, RS485, Wifi , CAN
Display	LED Screen, App
Parallel Interface	N/A
Operation Environment Temperature	0~40 °C
Storage Environment Temperature	-15~60 °C
Environment Humidity	20%~95%
Operation Altitude	<3000m
Cooling Mode	Force-Air Cooling
Noise Emission	<50db
Solar Panel Dimensions(L*W*H)	1580*1000
Demension(W*H*D)(mm)	900*700*360
Weight (kg)	99
Safety Standard	IEC62109-1; IEC60335-1;IEC60335-2