

# SIPL Portable Power Station

2.5kW 2.56kWh / 3.6kW 3.6kWh  
5kW 5.12kWh



120V/230V  
AC output



Lithium iron  
phosphate battery pack



Pure sine  
wave output



IP65  
waterproof



## Product Introduction

SIPL portable power station has a built-in inverter, which can output sine wave AC power similar to household electricity, provide emergency power for electrical appliances, provide auxiliary inputs (such as solar or wind power) and charge its back up LiFePO4 battery. The unit is housed in a heavy duty portable case with wheels with LCD display for the real-time status and output power of the battery through the display screen. 120V/230V and optional DC (USB A & USB C) at the same time.

## Product features

- 1 Fully-automatic dynamic charge and discharge management platform
- 2 Multi-function display, include battery voltage and battery power, voltage output
- 3 Small size, large capacity, light weight, easy to carry, safe and reliable
- 4 SPWM pulse width modulation pure sine wave
- 5 Pure sine wave AC 120V/230 voltage output
- 6 Built in high capacity, long life, high efficiency lithium Iron Phosphate battery
- 7 With output AC 120V and optional DC (USB & Type-C) at the same time
- 8 Short circuit, overload, over temperature and other protection functions
- 9 Back up battery can be charged by: The Grid, solar controller panel & auto outlet
- 10 With Overcharge and over-discharge protection, power monitoring and low battery warning function
- 11 Good for a variety of backup and remote power applications

## Product Parameters

Model	SIPL-2.5kW 2.56kWh	SIPL-3.6kW 3.6kWh	SIPL-5kW 5.12kWh
Rated power	2500VA/2500W	3600VA/3600W	5000VA/5000W
Product size(l*w*h)	490*395*210mm	620*450*260mm	620*450*260mm
Weight (kg)	30kg	40kg	55kg
Accessories	1*AC Charging Cable 1*User Manual		
<b>Internal battery</b>			
Lithium battery Specifications	50Ah/51.2V	72Ah/51.2V	100Ah/51.2V
Battery energy	2.56kWh	3.6kWh	5.12kWh
Charging	AC Charging, MPPT external or optional		
<b>Power grid input</b>			
Maximum output power(W)	2500W	3600W	5000W
AC charging	120Vac/240Vac 1500W		
Solar charging	External or built in optional		
Rated input voltage(V)	120Vac/240Vac		
Rated input frequency(Hz)	50/60Hz		
<b>Inverter/charger output</b>			
Maximum output power(W)	2500W	3600W	5000W
Rated frequency(Hz)	50/60Hz		
Frequency accuracy	±1%		
Stable voltage accuracy	±3%		
Voltage harmonics (full load)	THDV<3%(linear load)		
Overload capacity	10s@108 %~150% load; 5s @=150% load		
Battery charge current	58.4Vac at 25A(CC & CV Charge)		
Environmental temperature Range	-10~55°C		
Relative humidity	5%-95%		
Maxi. working altitude(m)	>2000m derate		
IP rate	IP21		