

SUG NEW ENERGY CO., LTD.

SIPL Portable Power Station

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





phosphate battery pack

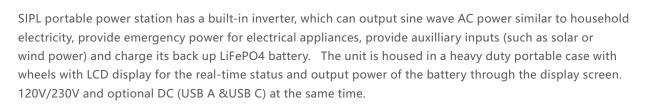


wave output





Product Introduction



Product features

- Fully-automatic dynamic charge and discharge management platform
- 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
- Pure sine wave AC 120V/230 voltage output
- 6 Built in high capacity, long life, high efficiency lithium Iron Phosphate battery
- 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
- 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(I*w*h)	490*395*210mm	620*450*260mm	620*450*260mm
Weight (kg)	30kg	40kg	55kg
Accessories	1*AC Charging Cable 1*User Manual		
Internal battery			
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		
Power grid input			
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		
Inverter/charger output			
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℃		
Relative humidity	5%-95%		
Maxi. working altitude(m)	>2000m derate		
IP rate	IP21		