

# Portable Solar Power Generator 500VA/400W

This all-in-one portable solar power generator system delivers 500VA/400W of power, offering both DC and AC outputs. Designed for portability and convenience, it integrates multiple functionalities into a single unit.



## ADDITIONAL IMAGES



## Product Overview

### All-in-One Portable Solar Solution

The SLZS-500VA/400W is a comprehensive portable power system integrating an inverter, AC charger, solar controller, and battery into a single mobile unit. Designed for ease of use, it requires only an external solar panel connection to provide reliable off-grid power for both AC and DC appliances. Its pure sine wave output ensures safety for sensitive electronics, while the built-in wheels and LCD interface make it an ideal choice for emergency backup, mobile workstations, and remote power needs.

### Performance Highlights

**500 VA**

Inverter Capacity

**400 W**

Rated Power

**150 W**

Solar Panel

## System Configuration

### System Components

Component	Specification	Quantity
Inverter	500VA / 400W / 12V	1 PC
Solar Charge Controller	12V / 10A PWM	1 PC
Internal Battery	12V / 65AH	1 PC
Solar Panel	150W / 18V	1 PC

## Power Output & Connectivity

### Output Interface

- 2 x 220VAC Sockets
- 4 x 12VDC Ports
- 2 x 5VDC USB Ports

Efficiency

Yes

## Technical Features

Waveform Type

Pure Sine Wave

AC Input Voltage Range

110Vac - 270Vac

Integrated Functions

AVR, UPS, Auto Charge, Auto Switch, Bypass System

## Safety & Protection

### Protection Functions

Overload • Short Circuit • High Voltage • Low Battery Voltage • High Temperature

## Monitoring & Interface

### Monitoring Tools

- LCD Display for working status
- Buzzer Alarms for fault notification
- LED Indicators (Solar, Line, Inverter, Fault)