



EcoSONIC Hybrid Solar IPS

Model: SL82-L2 | 300W / 230Wh | LiFePO4 Battery



Included Items



Product Overview

The EcoSONIC SL82-L2 is a 300W / 230Wh portable power station featuring a brand-new A-Class LiFePO4 battery in a rugged, heat-dissipating aluminum housing. Delivering a stable modified wave output through an intelligent chip inverter system, it safely powers laptops, phones, small appliances, and emergency lighting without risk of data loss or equipment damage.

Key Features

- 230Wh high-capacity LiFePO4 battery brand-new A-Class cells with 5000+ cycle life
- 300W Modified Wave AC output via intelligent chip inverter stable, safe power for electronics Device
- Multiple output ports AC socket, 2x USB-A (5V/3A), 2x DC 12V/5A
- Built-in LED lighting with Constant On ideal for camping and emergencies
- Two flexible charging methods AC adapter, & solar panel support parallel charging power
- Compact aluminum housing with ribbed heat-dissipating design and top carry handle
- Real-time LCD display showing voltage, battery level, and port status

Technical Specifications SL82-L2 (300W / 230Wh)

Brand	EcoSONIC
Model	SL82-L2
Product Name	Hybrid Solar IPS
Battery Chemistry	LiFePO4 (Brand New A-Class Cells)
Battery Voltage / Capacity	12.8V 18Ah
Energy Capacity	230Wh
Rated Inverter Output	AC 220V, 300W (Modified Wave)
Battery Cycle Life	5000+ Recharge Cycles
AC Output Port	1 x AC 220V / 300W
DC Output Port	2 x 12V/5A
Lighting Mode	Built-in LED
Adapter Charging Output	14.6V, Max 200W
Solar Charging Input	18V, Max 200W
Display	LCD Screen Voltage, Battery Level, USB/LED/AC Status Icons
Product Dimensions	23.5 x 12.5 x 13 cm
Housing Material	Aluminum Alloy (Heat-Dissipating Ribbed Body)
Weight with box	3.8KG

Included Items

Solar	18V 50W Solar Panel x 1
Light	5W LED Light x 2
Charger	AC Charger Adapter x 1
Multi support USB cable	5-in-1 USB Cable x 1

Device Support Reference (230Wh Full Charge)

Load Combination	Wattage	Backup Time
1 Table Fan + 2 LED Lights + Router	~60 W	~3 hours 30 minutes
1 Fan + Mobile Charging + LED Light	~80W	~2 hour 40 minutes
Fan + Laptop + TV + LED Light	~190W	~1 hour 15 minutes