

Elina

4 in 1



SOLAR PORTABLE GENERATOR



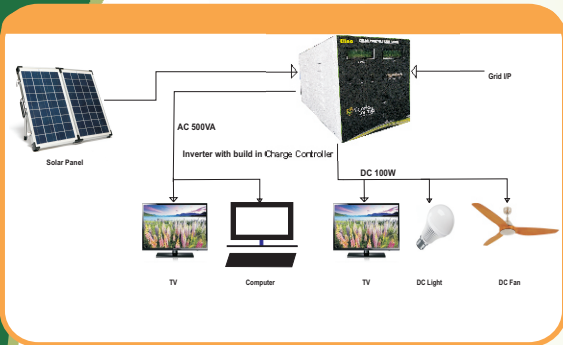
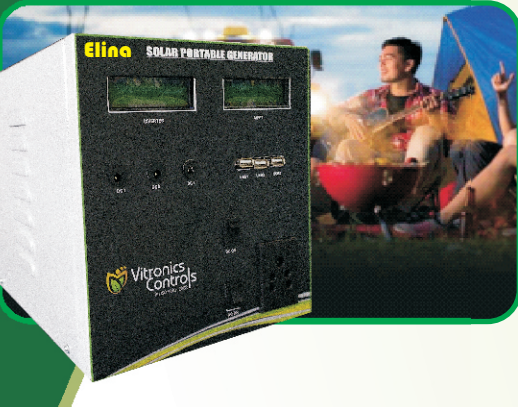
Elina provides clean, quiet portable power; perfect for the campground yet powerful enough for the job site. Elina delivers stable, pure sine wave AC output, reliable enough to power even the most sensitive electronic equipment. It is an easy to move, all-in-one integrated unit.

LifePO4 battery cells integrated in Solar PCU powers safe homes & proves as an bliss by saving 25% more energy than lead acid battery. With its in-built battery management system & safety mechanism against surge and short circuit protection.

As a stylish portable smart portable generator, Elina embraces the best of two worlds by powering **your indoors and outdoors through the usage of grid and abundant solar power.** The solar energy stored provides constant and clean power that makes for adequate and efficient energy availability.

The lifecycle of these batteries are up to 10 years followed by **no water top-up and zero maintenance.**

“Welcome to the brighter side of thing!”



Is designed to carry Outdoor



Zero Maintenance
No water top up or maintenance required



3x life
LifePO4 batteries with extra long life



3x charging speed
Gets fully charge within 2-4 hours



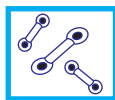
upto 15% more efficient
High efficiency cells that save energy



child safe
No open wires and terminals, eliminates risk of accidental contact with electrical points



safe for environment
Nanla uses LifePO4 battery technology which is safe for environment



surge & short circuit protection
Nanla protects your appliances by blocking voltage surges and short circuits through its in-built safety mechanisms



UPS mode
UPS mode to power your more voltage sensitive devices such as desktop PCs



safe for appliances
Your appliances will love the pure sine wave output of Nanla which gives them longer life

SOLAR PORTABLE GENERATOR SYSTEM MPPT 500 VA & 800 VA

SOLAR CHARGER SPECIFICATIONS

Parameter	Value
Rated Voltage	12V(500 VA)/24V(800 VA)
Rated Current	30 AMP
Charge Controller Technology	MPPT
Boost Voltage	14.2V (Factory Settable)
Battery Low Disconnect	10.2V (Factory Settable)
Over Charge Cut-off Voltage	14.2V (Factory Settable)
Fuse Rating	30A
Panel recommended	40-380 W/ 800W
Suitable Batteries	12 V 50 AH LIFEPO4(500VA) 12 v 100 ah LIFEPO4(800VA)
OTHER SPECIFICATIONS	
Operating Temperature	-35°C to 55°C
Weight	20Kg/30 Kg (approx.)
OUTPUT	
DC Output	3 Dc Output 20 W For tube and Fan. 2 USB Port
AC Output	230 V 500 VA/ 230 V 800 VA
PROTECTION	
Battery deep discharging	
Battery over charging	
Short Circuit	
Over Temperature	
Battery / PV reverse protection	
DISPLAY	
Battery Status	
PV Voltage	
PV Current	
KWHD (Kilo watt hour in a day)	
KWH in a month	
Battery Voltage	
Battery Current	
Mains Voltage	
Load%	



FEATURES

- In-built blocking diode provided to prevent reverse flow of current through PV module
- It has high efficiency SMPS charger. It implements a smart maximum peak power tracking (MPPT) algorithm that tracks the peak power point of a solar panel, irrespective of operating conditions.
- Increase life of battery by :
Using Battery State of Charge SOC% for controlling depth of discharge.
- Maintains Solar Energy Meter for solar energy produced in a day & for last 30 days.
- Last Fault Display and record.
- Highest charging current 20 A (30 A on request) On Mains
- A patent ALR (Adaptive Loss Reduction) process give more efficient charging system.
- In built SBM (Smart Battery Management) system provides highest degree of battery protection & life.
- 5-stage battery charge control system for lower gassing and faster charging.
- Higher Ruggedness: gives higher degree of protection to the card from Reverse Phase & Battery Loose connections.
- Backup 2.5 Hrs for 4 LED Tubes ,2 Fan

Authorised Dealer



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