

# PORTABLE POWER SUPPLY

SHREEFORCE Portable Power Supply (PPS) is a Li-Ion battery based energy storage solution developed by Shreenath Smart Technologies Pvt. Ltd. for applications in health care centers, defense applications, engineering vehicles, schools, outdoor mobile base stations, natural disaster management, camping, rural electrification, residential backup power and outdoor events.

SHREEFORCE PPS can be directly charged using solar panels or the grid and can provide AC as well as DC output. It is an ideal replacement for diesel/petrol generators and Lead-Acid battery based solutions.

It is portable, easy to operate and can power most household and office appliances like television, communications equipment, light, electric fan, laptop, computer, mobile phone and so on.



PPS - 960

PPS - 1800

~ 1kWh (300W)

~ 2kWh (600W)

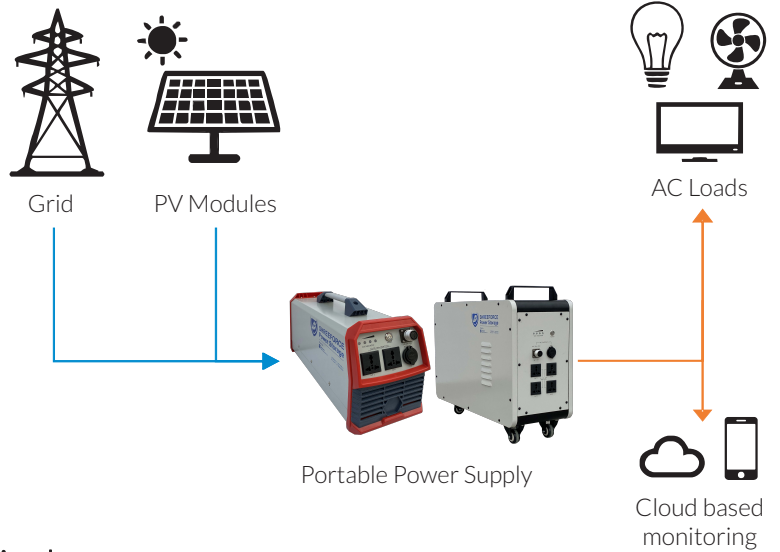
Portable Power Supply	PPS - 960	PPS - 1800
Length x Width x Height (mm)	~ 465x170x200	~ 654x249x542
Weight (kg)	~ 14 kg	~ 45 kg
Battery Type	Lithium Ferro Phosphate (LiFePO4)	
PPS DC Voltage (V)	12.8	
Charging Options	Solar PV and AC Mains (Grid)	
AC Charging Voltage (V)	230VAC ± 10%	
DC Output (V)	5V & 12V	
Nominal AC Output Voltage (V)	230VAC ± 10%	
Total Capacity (Wh)	960	1800
Peak Output Power (W)	450	750
Continuous Output Power (W)	300	600
Operating Temperature Range (°C)	0 ~ 50 °C	
Cycle Life Capacity @80% (25°C)	Greater than 4000 cycles	
Features	Robust Metal case, Safe, Direct charging from Solar panel or AC Mains. 5V USB, 12V DC and 3 - pin AC output.	
Protection	Over-Charge, Over-Discharge, Over-Load, Over-Temperature, etc.	
IP	21	
Ideal Storage Temperature	25 °C	
Inverter Output Waveform	Pure sine wave	

\* For product enhancement specifications are subject to change without any prior notice.

# PORTABLE POWER SUPPLY

## Salient Features

- Lithium-Ion based storage solution
- Light Weight & Compact - battery, inverter, AC charger & solar charger housed in a single enclosure
- No Noise
- Grid & Solar charging facility
- Zero maintenance and Silent operation
- No smoke or pollution
- Long Life : 4000 cycles / 10 years life \*
- Easy to handle, transport and commission
- AC & DC Charging and Output options
- Plug and play- Easy connectivity between solar panel, grid, PPS and loads. No Special tools required
- Upto 70% lighter & smaller than Lead Acid batteries
- Cost-effective performance from PPS over its life time
- It can be placed indoors since it does not require any fuel and has no smoke or pollution



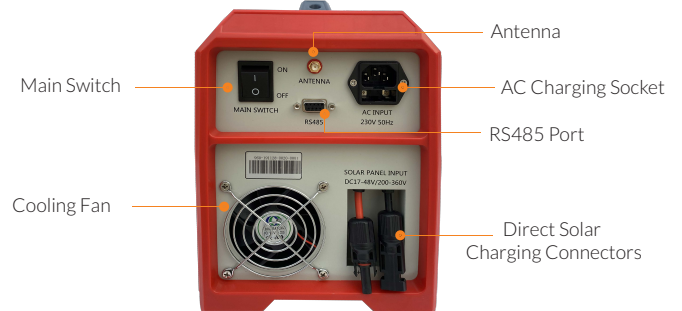
## Optional Features

- Real time control and monitoring through GPRS
- Facility of data collection and analysis and report generation.

PPS - 960 : Front View



PPS - 960 : Rear View



PPS - 1800 : Front View



PPS - 1800 : Rear View

