

PORTABLE POWER SUPPLY

SHREEFORCE Portable Power Supply (PPS) is developed by Shreenath Smart Technologies Pvt. Ltd. for applications in residences, health care centers, rural electrification outdoor events, camping, military usage and natural disaster management.

SHREEFORCE Portable Power supply 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/kerosene generators.

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

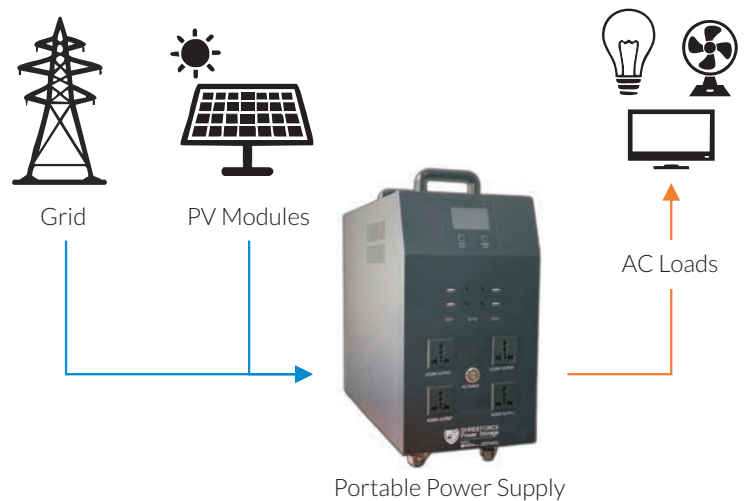


Portable Power Supply	PPS - 1000	PPS - 2000
Length x Width x Height (mm)	400x210x394 (approx.)	430x210x455 (approx.)
Weight (kg)	~ 14 kg	~ 24 kg
Cell Chemistry	LiFePO4	
PPS DC Voltage (V)	12.8	
Charging options	Solar PV and AC Mains (Grid)	
AC Charging Voltage (V)	180VAC - 240VAC	
DC Output (V)	5V x4, 12Vx4	
Nominal AC Output Voltage (V)	220v± 10%	
Total Capacity (Wh)	1075	1920
Peak Output Power (W)	1050	1500
Continuous Output Power (W)	350	600
Operating Temperature Range (°C)	0 ~ 50	
Cycle Life Capacity @80% (25°C)	Greater than 4000 cycles	
Features	Robust Metal case. Safe. Neat panel. Direct charging from Solar panel or AC Mains. 5V USB, 12V DC output and 3 pin AC output.	
Protection	Over-Charge, Over-Discharge, Over-Loaded, Over-Temperature	
IP	22	
Storage Temperature	20~35 °C	
Inverter output waveform	Pure sine wave	

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Salient Features

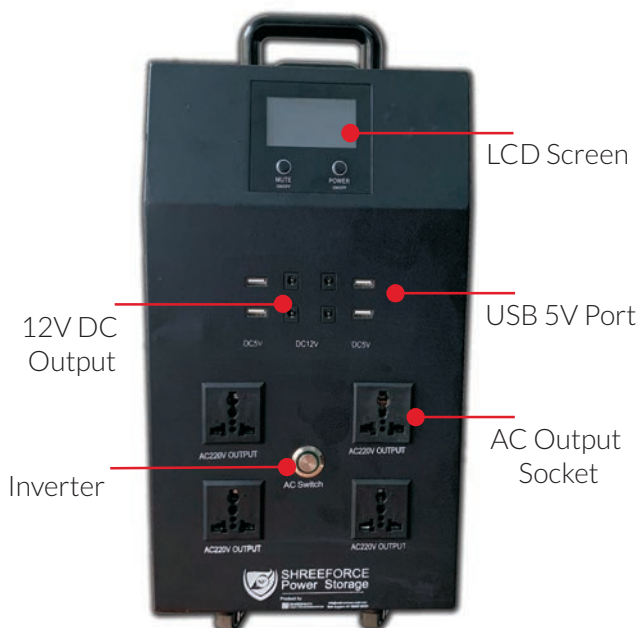
- **Lithium-Ion** based storage
- **Light weight, modular structure**, easy to handle, transport and commission
- **Protection against raw environment and theft** as all crucial functional blocks like battery, BMS & controller are housed in a single enclosure
- **Easy connectivity** between solar panel, PPG and loads. No special tools required for connection (plug and play)
- **Easy to operate** through properly marked panel controls & indications
- **Long life** and reliable performance
- **Cost-effective performance** from PPG over a longer period of time
- All essential control and protection functions performed by a **single electronic circuitry**
- **Easy to handle, maintain, operate** and better reliability
- It can be placed indoors since it does not required any fuel and has zero emissions



Optional Features

- **Real time control and monitoring** through GPRS
- **Facility of data collection and analysis, remote programming**, report generation, optimized use of solar energy, optimized grid power distribution & control of each unit through GPRS

PPS - 2000 : Front View



PPS - 2000 : Rear View

