



MESHO BATTERY

Transforming Generation Globally

Experience uninterrupted power supply and enhanced efficiency with this cutting-edge inverter technology. Designed to meet the demands of modern households, this inverter offers exceptional performance and convenience.

With its compact design and inbuilt lithium-ion battery, MESHO LI-PRO provides a reliable backup power source during outages, ensuring seamless operation of essential appliances and electronics



0.5 - 1HP Mono/
Submersible
Pump*



Home
Cooler*



LED TV,
Computer/Laptop



Washing
Machine*



Refrigerator*



Years

5

BATTERY
WARRANTY

Years

3

SYSTEM
WARRANTY



Zero Maintenance
No Acid Fume



LCD + LED
Display



Eco-Friendly



Life Up-to
12 years

1000VA

1280WH



18 AMP
CHARGING CURRENT



4X QUICK CHARGING
4HRS



INBUILT LI-ION BATTERY
1280WH



Save up to 8000/-per year compared to normal battery inverter*

TECHNICAL SPECIFICATIONS

MODEL	Li-pro MSES117A
Mains (Grid) Normal Mode (Wide Window)	
Grid Range	90 VAC-290VA± 15VAC
Mains (Grid) Normal Mode (Narrow Window)	
Grid Range	180 VAC-265VA± 5VAC
Battery Charging	
Grid Charging Current To Battery	18Amp
Modes	
Power Switch	Via Switch (Front Panel)
UPS / NORMAL Mode	Via Switch (Front Panel)
Output Parameters	
Waveform	Pure Sine Wave
Nominal System Rating	1000 VA
Output Voltage	220 V ± 10%
Output Frequency	50 Hz ± 0.5 Hz
Distortion (THD)	≤3% (at Linear Load)
Overload Protection	>100% with manual reset
Low Battery Protection	<11.8 V with manual reset
Short Circuit Protection	>300% with manual reset
Over Temperature Protection	>90°C
Changeover Time (Approx.)	
In UPS Mode	≤12 milliseconds
In Normal Mode	≤50 milliseconds
Battery Parameters	
Nominal Input Battery Voltage	12.8 V
Boost Voltage	14 V ± 0.2 V
Low Battery Warning	12 V ± 0.2 V
Low Battery Cut	11.8 V ± 0.2 V
Battery Type	Lithium-ion (as per system specifications)
Environment	
Cooling	Forced Cooling via DC Fan
Humidity	0-90% (non-condensing)
Operating & Storage Temperature	0-40°C
Display Parameters	
Display Type	Dual Display (LCD & LEDs)
LCD Shows	Mains Voltage, Load Voltage Battery Voltage, Battery Current Protection Display, Mains High/Low Status
LED Indicators	LED 1: Mains (constant glow when mains available) LED 2: Power Switch (constant glow when mains available, blink in backup) LED 3: Fault (constant glow when protection occurs)
Switches	Switch 1: Power ON/OFF Switch 2: UPS / Normal Mode
Mechanical Parameters	
Dimensions	L×W×H) 28 × 32 × 34 cm (without packaging)
Weight	25 kg (without packaging)
Warranty (Inverter Section)	3 Years
Battery Specifications	
Battery Rating	12.8 V, 100 Ah
Application	Inverter
Battery Weight	10.25 kg
Battery Dimensions (L×W×H)	23.2 × 19.4 × 13.7 cm
Warranty (Battery Section)	5 Years
Efficiency	>95% @ 100% Load