

## “ADVANCED LITHIUM-ION BATTERIES FOR POWERFUL, COMPLETE ENERGY SOLUTIONS”

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

**10** BATTERY  
WARRANTY

**10** SYSTEM  
WARRANTY



**Zero Maintenance**  
No Acid Fume



**LCD + LED**  
Display



Eco-Friendly



**Life Up-to**  
20 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
<b>Mains (Grid) Normal Mode (Wide Window)</b>	
Grid Range	90 VAC-290VA± 15VAC
<b>Mains (Grid) Normal Mode (Narrow Window)</b>	
Grid Range	180 VAC-265VA± 5VAC
<b>Battery Charging</b>	
Grid Charging Current To Battery	18Amp
<b>Modes</b>	
Power Switch	Via Switch (Front Panel)
UPS / NORMAL Mode	Via Switch (Front Panel)
<b>Output Parameters</b>	
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
<b>Changeover Time (Approx.)</b>	
In UPS Mode	≤12 milliseconds
In Normal Mode	≤50 milliseconds
<b>Battery Parameters</b>	
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)
<b>Environment</b>	
Cooling	Forced Cooling via DC Fan
Humidity	0-90% (non-condensing)
Operating & Storage Temperature	0-40°C
<b>Display Parameters</b>	
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
<b>Mechanical Parameters</b>	
Dimensions	L×W×H) 28 × 32 × 34 cm (without packaging)
Weight	25 kg (without packaging)
Warranty (Inverter Section)	10 Years
<b>Battery Specifications</b>	
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)	10 Years
Efficiency	>95% @ 100% Load



+91 9795260520  
 sale@meshobattery.com  
 www.meshobattery.com

Corp-Office : Mesho Battery, 1162 Mastemau  
 Lucknow UP 226002  
 Manufacturing Add: Plot No.22,IP IV  
 ,Begampur Industrial Area, Bahadrabad  
 Haridwar 219402.