

MPS Mobile Power Source



- **Portable Power Supply**
- **Low “THD”**
- **Pure Sinewave Output**
- **Rugged Construction**
- **230 or 120 V Versions**

DESCRIPTION

The MPS is a portable field proven Mobile Power Supply, for use where there is no suitable mains or generator supply available.

The MPS is a practical alternative where a “pure sinewave” with a low THD is required. The Megger family of PFL Cable Fault Location Systems, require such a “pure sinewave” source.

APPLICATIONS

The MPS is suitable for powering any Megger instrument, especially those that benefit from a clean portable power supply. Typically PFL’s, PFF’s d.c. HiPots, TTR’s and similar equipment.

FEATURES AND BENEFITS

- Portable field proven power supply.
- “Pure sinewave” Output.
- Low THD <3%
- Advanced microprocessor controlled dc-ac inverter.
- Input & output fully isolated.
- Over/Under Voltage protection.
- Overload & Overvoltage protection
- Large wheels for use over uneven surfaces and rough terrain.

SPECIFICATION

Inverter

d.c. Voltage 2V d.c.
Voltage Range. 10.5 - 15.0Vd.c.
Low Voltage Alarm 11V d.c.
Over Voltage Alarm 15.3V d.c.

Battery Type

12V UPS VLRA Batteries (Size as Gr27)

Power

230 or 120V Versions

Operating

Typically 30mins max load
(Calculated with PFL40 on 34kV surge on 3-sec pulse repetition rate)

Charge Time

14hours (from no-charge state)

Dimensions

40”(H) x 24”(D) x 20”(W)
101cm(H) x 61cm (D) x 51cm(D)

Weight

207lbs / 94kgs
Shipping weight: 293lbs/128kgs

ORDERING INFORMATION

| Item | Cat. No. |
|--------------------------|----------|
| 230V Mobile Power supply | MPS230 |
| 120V Mobile Power Supply | MPS120 |

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