

12VDC UNINTERRUPTIBLE POWER SUPPLY (UPS)



The 12V UPS is designed to provide DC power to Kerr Measurement Systems Inc. Hoistman's panels or other devices which operate from 12 vdc power.

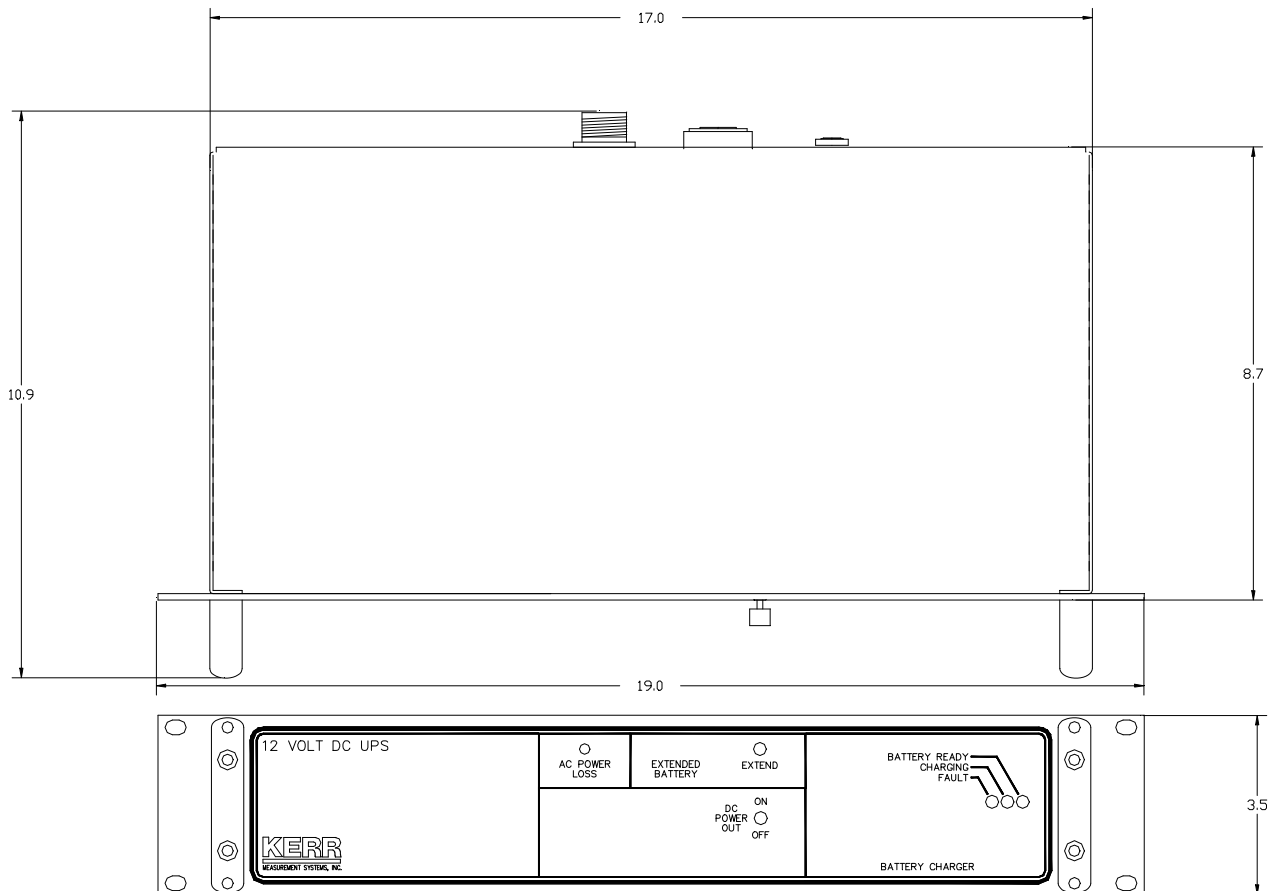


Some of the features and benefits of this system are:

- Serves as an AC to DC power converter (240/120 VAC 50/60 HZ in to 12 VDC out)
- Eliminates the need to install a separate 12 VDC power supply in units where 12VDC is not available (offshore skid units, workshops, etc.)
- Provides battery backed up source of 12V power
 - Allows generator to be shutdown during arming of perforating guns or other ballistic devices
 - Provides power to the depth and tension system for up to four hours in the event of a generator or external power source failure
 - Provides a source of power for electric over hydraulic hoist control systems
 - Provides an immediate source of power for performing quick tasks such as spooling on cable. testing the depth system, short test well runs, etc.
 - Automatically switches to battery power when input power is lost.
 - Batteries automatically charge when AC power is connected
 - Includes indicators to alert the operator when the system is providing power from the battery only

SPECIFICATIONS

- Input Voltage: 90 – 265 VAC, 47 – 70 HZ
- Input Current: 1 AMP MAXIMUM
- Output Voltage: 11 – 13 VDC
- Output Current: 2.5 AMPS PEAK (FUSE PROTECTED)
 .9 AMSP CONTINUOUS (AC SUPPLY)
 .6 AMPS CONTINUOUS (BATTERY ONLY)
- Width: 19" 48 cm
- Height: 3.5" 8.9 cm
- Depth: 9" 23 cm
- Weight: 16 lbs 7.3 kg





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FEATURE DESCRIPTIONS

AC Power Loss indicator

This normally indicates that no AC power is provided to the UPS. On initial power up this indicator will light for 5 minutes. This is a self test that indicates that the battery can supply power to the load.

Extend switch

This push button switch starts the four hour timer. The battery will supply power to the load at this time for up to four hours. Any time the Extend button is pressed, the four hour timer will restart its four hour countdown.

Extended Battery indicator

This indicator will light when the 4 hour timer is running. At this time the battery is able to supply power to the load. The 4 hour timer will not stop counting even if the load is removed.

DC Power Out switch

This switch will connect or disconnect the load from the UPS output.

Battery Ready indicator

This indicates the battery is fully charged and the system is working properly.

Charging indicator

This indicates that the battery is not fully charged and the charger is supplying power to the battery.

Fault

This indicates that the battery will not take a charge or that the charging circuitry is not functioning properly.

Input power breaker

This breaker is located on the rear of the panel. It will trip in the event of a current overload condition. It can be reset by pressing it.

Output Power Fuse

The output power circuit is protected by a self resetting fuse located on the PC board inside the panel. A short will trip the fuse which will reset itself in a few minutes.