

# PS1210

## Desktop Radio Enclosure with Splitable Power Supply

- Fully protected 10A switch mode power supply
- External battery backup connector
- Unique splitable box design allowing power supply to be separated from radio enclosure
- Internally mounted loudspeaker
- Robust metal enclosure



The Desktop Radio Enclosure with Splitable Power Supply **PS1210** for base stations, is designed for high current PMR radio equipment. It uses a very robust 10A switch mode module with full overload and short circuit shutdown protection built in. With its unique split enclosure design the power supply and radio enclosure can be separated allowing the radio enclosure to be kept on the operators desk using minimal space, and with the optional Extended Power Lead, the

power supply can be mounted under the desk out of the way. With the optional Universal Mounting Bracket either part or the complete enclosure can be mounted to a wall, under a shelf, or desk.

The power supply also incorporates a battery backup connector on the rear for a lead acid battery to provide full backup in the event of a power failure, with the optional battery monitor board the battery is protected from deep discharge avoiding any permanent damage from extended power loss.

The Tri-state LED provides a visual indication of Battery Charge, Output On, and Mains Fail.

A switch on the front of the power supply allows the output to be switched On or Off whilst still leaving the battery float charging. Incorporated into the enclosure is a loud speaker, which is terminated with a 3.5 mm Jack fly lead on the rear.

The **PS1210** is fully upgradeable, as the radio enclosure will separate from the power supply enclosure. When the radio equipment needs changing only an enclosure will need to be purchased.

The **PS1210** Power Supply is available with a wide range of Radio Enclosures or available separately as a standalone power supply.

*Please have the name and model of your radio before enquiring.*

<b>Input:</b>	95 - 130 Volts AC or 180 - 260 Volts AC 47 - 63 Hz
<b>Output:</b>	13.8 Volts DC 150 WATT continuous, fused at 10A
<b>Operating Temperature:</b>	0 - 50 Degrees Centigrade
<b>Speaker:</b>	8 Ohm, 5 Watt
<b>Power Supply Dimensions:</b>	60mm (H) x 200mm (W) x 225mm (D) Weight 3 Kg
<b>Enclosure Radio Dimensions:</b>	70mm (H) x 200mm (W) x 225mm (D) Weight 2 Kg
<b>External Battery Capacity:</b>	60 Ah at 13.8 Volts DC

*Specifications are subject to change without notice.*

# 300 Series

## Standby Rack Supplies

- Industry standard 3U 19" Rack Panel
- No break Standby Power Supply Unit
- Low voltage drop-out to protect Internal/External Batteries
- Constant LED indication of input and output state



The **300 Series** Standby Rack Supplies are ideally suited for power critical communications transceivers and other 12/24/48 volt equipment that need 'No Break' power sources in the event of a mains failure.

All of the **300 Series** racks use switch mode power supply modules with full overload and short circuit shutdown protection built in. The outputs are constantly rated regardless of battery charge state.

The integral battery backup is fully on-line with no break on the DC output when the mains supply fails. This avoids critical systems failure normally associated with other standby power units. Support for additional external batteries is provided to increase capacity during sustained periods of mains failure.

All of the standby rack supplies are fitted with 'mains not present' volt free alarm contacts, for triggering monitoring equipment. Volt free contacts are selectable 'NO' or 'NC'.

The **300 Series** supplies are built in the Industry Standard 3U 19" Rack Panel manufactured from heavy gauge steel and powder coated.

All of these features in a compact 3U Rack Panel make the **300 Series** Standby Rack Supplies ideal for remote sites where critical systems are in use. All **300 Series** racks panels are supplied with power leads and connector assemblies.

<b>Input:</b>	88 - 132 Volts AC or 176 - 264 Volts AC 47 - 63 Hz
<b>Output:</b>	13.8 Volts DC 150 WATT continuous, fused at 10A 27.6 Volts DC 300 WATT continuous, fused at 10A 55.2 Volts DC 240 WATT continuous, fused at 5A
<b>Operating Temperature:</b>	0 - 50 Degrees Centigrade
<b>Rack Panel Dimensions:</b>	19" 3 U/134mm (H) x 485mm (W) x 354mm (D) Weight 19 Kg
<b>Internal Standby Capacity:</b>	28 Ah at 13.8 Volts DC 14 Ah at 27.6 Volts DC 7 Ah at 55.2 Volts DC

**Fully isolated output suitable for use on negative voltage systems**

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