



POWER SUPPLIES



POWER SUPPLY AC36W

The Power Supply Type AC36W is an intrinsically safe power supply that has a nominal output voltage of 12 volts DC and an output current of up to 3A. The AC36W is suitable for use in Group I and IIB applications and may be used to power intrinsically safe apparatus located in zone 0, 1 or 2.

- Universal input suitable for 85 to 240VAC operation which will reduce inventory and simplify change out
- Intrinsically safe Ex ia output that provides 12.6V and configurable output current up to 3 amps maximum for Group I and up to 1.5 amps maximum for Group IIB
- Improved combined output parameters L_o , L_o/R_o and C_o provide increased flexibility when interfacing loads and cables
- New transient suppression input circuitry that eliminates inrush current and reduces troublesome ruptured input fuse issues
- Reduced unit size of 80mm x 215mm x 105mm is 75% the volume of the AC25W and AC30W power supplies
- Unique triplicated non-series active current limit circuits provide an easy to use rectangular output voltage-current characteristic that facilitates constant voltage right up to the maximum output
- Ex ia zone 0 rating with rectangular output characteristic
- Designed for improved maintenance to reduce servicing costs
- IECEx and ATEX certification



UNINTERRUPTIBLE POWER SUPPLY

The Austdac Uninterruptible Power Supply (UPS) type 12/NMH/288 has been designed to provide battery backup for equipment located in hazardous areas that operates from a nominal 12Vdc supply. The UPS can support loads up to a maximum of 1A. The UPS charges its internal battery and supports the load whenever the mains supply is available, the UPS supports the load from the internal battery whenever the mains supply is lost.

- Universal input suitable for 110 to 240VAC operation which will reduce the need for two types of UPS for different installations
- Intrinsically safe output and designed to replace our existing 12/LA/12 and 12/LA/24 UPS. 12.6V output with a 1A current capacity
- The UPS is similar in size to the 12/LA/12 but has close to double the standby time, similar to the larger 12/LA/24
- Uses the same mounting holes as the 12/LA/12 allowing an easy
- Ni-mH battery technology
- Individual cell monitoring and balancing
- Built in timer function
- SILBUS and optional Ethernet connections allowing monitoring and control of the UPS and its output
- LED indicators to show the mode of operation, status and charge state
- Designed for improved maintenance to reduce servicing costs



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