



## New Compact Resistive Uninterruptible Power Supply (UPS)

### General Information

The Austdac intrinsically safe uninterruptible power supply type 12/LA/12 has been designed to provide I.S. uninterruptible power that operates a nominal 12 volt 880mA.

The input power for the UPS requires a nominal 110V or 240V Exd protected mains power, in order to charge the battery and provide an I.S. 12 volt output.

The UPS utilises a 12V 12AH sealed-lead-acid battery to overcome the troublesome memory effect exhibited by nickel cadmium batteries.

The unit has a built in charger that will charge the battery and support a load while the mains power exists. When the mains power is unavailable the UPS 12/LA/12 uses its battery to support the load and maintains a constant 12 volt I.S. supply. The output circuit of the UPS has the same parameters as the AC25W resistive power supply.

The UPS 12/LA/12 is also fitted with a timer that will disconnect power to the load, after a redefined time period of standby. A front panel mounted button can be used to reset the timer and provide load power for another time period. The timer can be disabled if not required.



### Parameters

The UPS has a built in LCD display to provide users with the following important battery parameters.

- Output (load) voltage
- Output (load) current
- Battery voltage
- Battery current
- Battery remaining capacity (fuel gauge)

Input Voltage	110V or 240V
Maximum Input Power	120VA
Output Voltage	12V
Maximum Output Current	880mA for 12V output
Standby Time @ 880mA	4hrs (12V)

(Each of the above parameters can be selected for display by the display select button).

### Dimensions

Size: 307mmH x 215mmW x 225mmD  
Weight: 20kgs

### Certification & Approval Number

Certificate No: Aus Ex 2495X  
Approval No: MDA Ex mdia 10184

### Part Numbers

UPS 12V 110V 880mA Type 12/LA/12: Part number UPS12A880A Glanded/Plug & Socket  
UPS 12V 110V 880mA Type 12/LA/12: Part number UPS12A880 Lemo/Plug & Socket

Power Supplies

AUSTDAC PTY. LTD.

ABN: 31 002 654 695