



# Resistive Uninterruptible Power Supply (UPS)

Power Supplies

AUSTDAC PTY. LTD.  
ABN. 31 002 654 695

## General Information

The Austdac intrinsically safe uninterruptible power supply type 12/LA/24 has been designed to provide I.S. uninterruptible power that operates a nominal 12 volt 880mA or 18 volt 284mA.

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 or 18 volt output.

The UPS utilises a 12V 24AH 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/24 uses its battery to support the load and maintains a constant 12 volt or 18 volt I.S. supply. The output circuit of the UPS has the same parameters as the AC25W resistive power supply.

The UPS 12/LA/24 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 or 18V
Maximum Output Current	880mA for 12V output 284mA for 18V output
Standby Time @ 880mA	8hrs (12V)

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

## Dimensions

Size: 527mmH x 250mmW x 170mmD.  
Weight: 34kgs

## Certification & Approval Number

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

## Part Numbers

- UPS 12V 110V 880mA Type 12/LA/24: Part number UPS121880
- UPS 12V 240V 880mA Type 12/LA/24: Part number UPS122880
- UPS 18V 110V 284mA Type 12/LA/24: Part number UPS181284
- UPS 18V 240V 284mA Type 12/LA/24: Part number UPS182284