



**PSU89E, PSU89E/CH PSU89E 2U/3U**  
**16V AC 3A 50VA**

A high specification robust AC power supply unit with the following configurations.

**Part No. PSU89E**

Single winding PSU with 2 fused outputs and on-board AC LED indication supplied in white steel lift off lid (LV1) enclosure approx total weight 3.5Kg.

**Part No. PSU89E/CH**

As above but mounted on a bright aluminium chassis plate only, not boxed approx weight 2.3Kg.

**Part No. PSU89E/2U/3U**

As above but mounted in either a 2U / 3U 19" Rack approx weight 6 & 6.3Kg

**DIMENSIONS**

Steel lift off lid enclosure (LV1), 200 X 105 X 90mm

Chassis dimensions 180 X 135 X 1.5mm approx

19" 2U or 3U Rack also available, illustrated below.

**CONSTRUCTION**

A rugged steel vented enclosure with a lift off lid and a number of 20mm conduit knockouts providing easy access into the enclosure. The finish is powder coated white to match other office and industrial control systems.

The power supply is mounted directly to the steel enclosure or on an aluminium chassis plate, this feature provides fuss free removal of the power supply at a later date should the unit require servicing or repair or the inter changing of PSU's of a different specification.

The front of the enclosure can also be screen printed with your company logo in one colour upon request.

## TECHNICAL SPECIFICATION

Mains Input Voltage	230/240 volts 50/60 Hz
Mains Input Fuse	1 amp Ceramic
Mains Current Consumption	.36 amp approx (10 x > @1Ms Inrush)
Output Voltage	16 Volt AC On Load
Output Fuse	2 x 1.5 Amp Q/B Glass fuse #
Continuous Operating Current	3 amp
Maximum Operating Current	3 amp
Mains Power Indication	YES (On Board)
Fan cooled	NO
Remote Fault LED Indication	NO
Power Relay Control on Board or Remote	NO
Audible warning of output fuse blown	NO
Audible warning of mains failure	NO
Heat Dissipation in Watt's for Air Con Calculations.	33.6 W

## TRANSFORMER SPECIFICATION

Our Electrical Transformers are a high quality robust product, manufactured for us to the following standards. **EN 60/742 TEC, BS3535 & UL1411.**

VA Rating	50
Input Voltage	230Vac
Output Voltage	16Vac
Output Current	3A
Regulation Typ.	7%
Height x Diameter	N/A
Dimensions L x W x H	80 x 60 x 65
Fixing Bolt Size	M4 x 12mm
Temperature Rise	60°C
Weight	1kg

## OPTIONS AVAILABLE

Chassis Only.

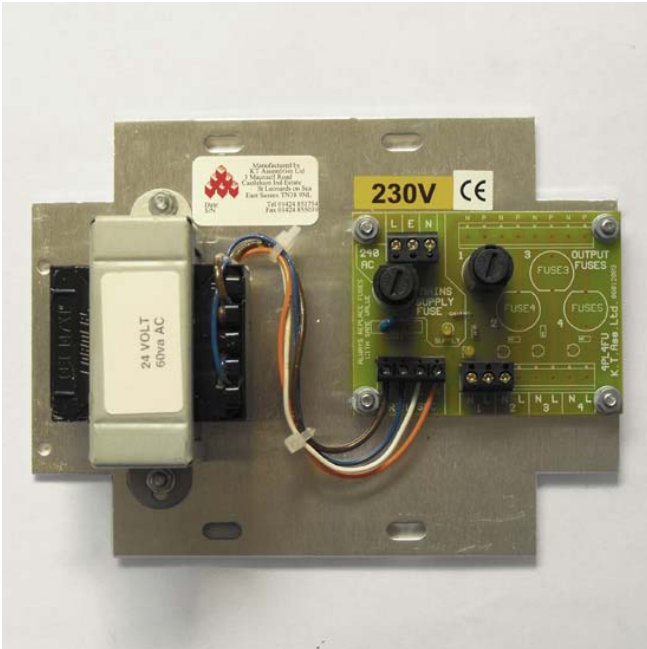
LV1 Steel enclosure.

19" Rack option

Or contact us for a specific requirement.

Specifications and design are subject to possible modifications without notice due to improvement.

# Product Images for the 16 VAC 3A 50VA



Picture shows single fuse fitted up to 4 O/P available.



LV1 Enclosure.



2U 19" Rack

## **Warranty**

All of our power supplies are manufactured with build quality and longevity in mind, we are constantly striving to improve upon an already reliable quality product with a very low failure rate, and because of our confidence in our end product's all our power supplies come with a two year return to base warranty against equipment failure.