



PSU 004E PSU 004F (Chassis Only)  
PCB POWER SUPPLY 24 VOLT 1A

A high specification 1A power supply fully regulated, in addition the PSU supports the load during a mains power failure when optional standby batteries are fitted. The supply is fitted with a control relay that can be changed to a fault relay by setting the correct jumpers. This power supply is suitable for a wide range of applications in the fire and security industry. Available as boxed, chassis only, or a 2u & 3u rack unit.

DIMENSIONS

Optional enclosure size Height 260mm x Width 130mm x Depth 115mm  
Weight 2.75 Kg (Excluding batteries)

Chassis size Height 110mm Width 200mm Depth 65mm  
Weight 1.25 Kg.

CONSTRUCTION

The optional housing is a rugged steel vented enclosure with a number of 20mm conduit knock-outs in the top and bottom providing easy access into the enclosure. The enclosure is powder coated white to match other office and industrial control systems.

The power supply is mounted separately from the steel enclosure on an aluminium chassis plate enabling easy mounting of the enclosure onto the wall. This feature also 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 as well it has pre punched holes for a tamper switch also sold separately.

The option of a cam locked enclosure is also offered if security is of paramount importance.

TECHNICAL SPECIFICATION

Mains Input Voltage	230/240 volts 50/60 Hz
Mains Input Fuse	1A Ceramic fuse
Mains Current Consumption	.16 amp

Output Voltage	27.2 Volt DC
Output Fuse	1A Q/B Glass fuse #
Continuous Operating Current	750 mA
Maximum Operating Current	1 A
Mains Power Indication	YES
Fan cooled	NO
Remote Fault LED Indication	YES
Fuse Failure O/P +VE	YES
Power Relay Control on Board or Remote	YES
Audible warning of output fuse blown	NO
Audible warning of mains failure *	NO
(*only if standby battery is fitted)	

### ADVANCED FEATURES

There is provision for standby rechargeable batteries to be housed internally. {Batteries can be supplied phone for prices}

### OPTIONS AVAILABLE

(Part no BML)

Battery disconnect module, this connects in-between the PSU and the battery so if someone take the battery away it will give you a fault condition on the PSU, this is done by a trigger wire form the module to the RA+ terminal on the PSU.

(Part no PSU/F??)

Fuse distribution cards of any number can also be specified upon request these will be mounted inside the steel enclosure on pillars.

From 2 to 16 fuse outputs.

(Part no TAMP)Tamper switch this option is only available on boxed PSU's, this comes complete with wires (Black= common, Purple= normally closed, White= normally open)

19" 3u rack mounted version also available.

\* Not on units supplied before July 2005

\*\* Not on 6volt units

**Note** - The pictures below are for illustration purposes only and may not necessarily display the above specification, 24 volt versions will be supplied with dual battery leads.

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



**PSU004**



**LV2 Enclosure**

# OUTPUT & CONTROL FUNCTIONS FOR PSU004 SERIES POWER SUPPLY UNITS

