

EN54-4 Approved Power Supply Units

Power Supply Units (PSUs)

Honeywell's range of PSUs includes all of the necessary monitoring and standby capability demanded by EN54-4. Each unit comes within the same size steel enclosure for ease of use, offering 2.5A or 5A alarm capability.



Each model has an input that may be used to disable the battery charging in a fire condition so that the full output is provided to the driven equipment. This maximises the output current capability whilst allowing full monitoring and protection of the outputs. This flexibility means that the power supply to offer appropriate standby (e.g. 24 or 72 hours) for the system may be selected.

Key Features

- Site selectable single or twin 24 V dc output
- Top or rear cable entry
- 24 hour or 72 hour standby capability
- Fully monitored to EN54-4
- Local LEDs for fast fault-finding
- Selectable earth fault monitoring
- 115/230V ac input
- Protected against short circuit and overload
- Removable terminals for up to 2.5mm cable
- Fire alarm charger disable facility
- Volt-free fault relay output
- Space for up to 2 x 17Ah batteries

Installation

Both units are in easy to use surface mounting steel enclosures with knock-outs for top or rear cable entry.

Power Supply Units

TECHNICAL SPECIFICATION

DIMENSIONS

377(w) x 408(h) x 92(d) mm

Mounting hole centres
337mm (horizontal),
352mm (vertical) (see
diagram)

Enclosure protection
IP 30

ELECTRICAL CHARACTERISTICS

Input voltage
115-230V ac 50/60 Hz

Number of outputs
2

Output voltage
28V dc +/-1 2%

Output current
PS25 2.5A, PS50 5A
(with battery charging
disabled)

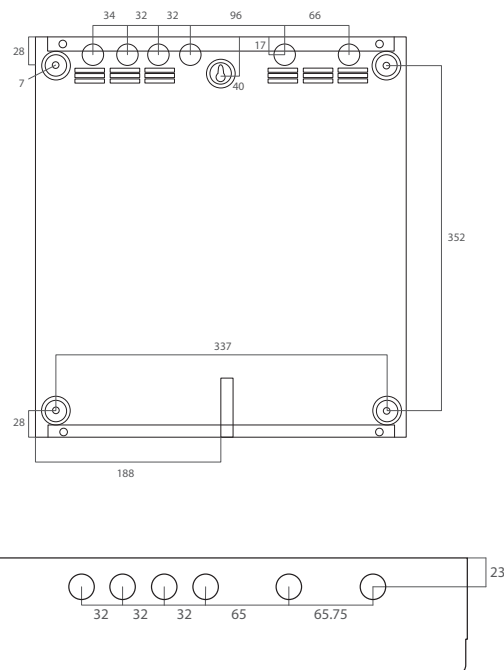
Charger current
300mA (7.2Ah Batteries) or
600mA (17Ah)

Approval
EN54-4 / A2

Fault relay
1A 24Vdc

Cable capacity
2.5mm CSA

Rear of enclosure showing mounting holes



Product range

DESCRIPTION	ORDER CODES
24VDC 2.5amp EN54-4 Power Supply	HLSPS25
24VDC 5amp EN54-4 Power Supply	HLSPS50

Germany

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