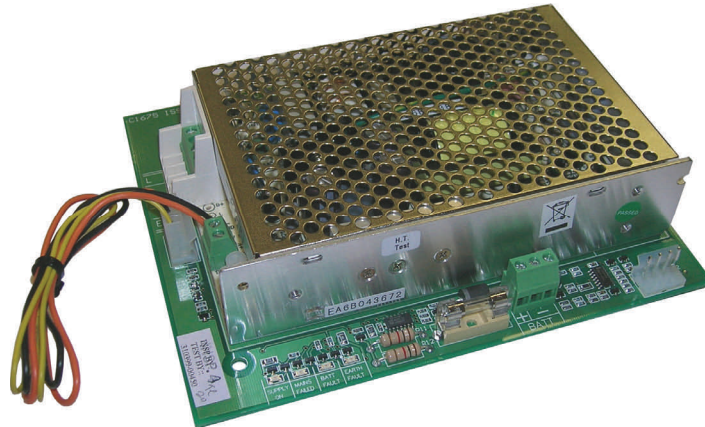


# 2.5 A PSE

## Model C1675



2.5 A PSE  
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## Overview

The C1675 power supply is EN54-4 compliant. It is comprised of a combined power supply and a monitored battery charger output for 24V sealed lead acid batteries. It is available as a standalone unit or boxed in a vented metal enclosure which houses up to a 7Ah set of batteries. The unit features temperature compensated battery charging, earth fault monitoring, fault relay dry contacts, logic fault output (active low) and battery low voltage disconnect at 19.5V

## Specifications

Input	230Vac (+10% / -15%) 50-60Hz
Output	18-29V DC 2.5A Continuous (considering lowest output running on batteries)
Nominal Output	27.25V DC at 20°C
Loading	1.8A Continuous whilst simultaneously supplying 0.7A battery charge Current (EN54-4 I <sub>max a</sub> ) 2.5A whilst interrupting charger
Indications	Supply On - Green LED, Mains Failed - Yellow LED Battery/Charge Fault - Yellow LED, Earth Fault - Yellow LED
Operating Temp	-5°C to 40°C ambient
Battery Type	Set of 2 x 12V SLA batteries *
Battery Fuse	3.15A 250v 20mm glass fuse
Mains Fuse	3.15A (non serviceable)
Dimensions	180 x 150 x 43 mm
Boxed Dimensions	225 x 350 x 105 mm
Weight	0.6 Kg
Boxed Weight	3.3 Kg (without batteries)

\* Temperature/charging characteristics based on using Powersonic brand SLA batteries (models PS1230 & PS1270)

## Part Numbers

2500638	C1675 2.5A PSE (UNBOXED)
2500199	POWER SUPPLY 2.5A BOXED
2500637	C1675 VOYAGER PSE (replacement unit for use in Voyager panel)

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