

WIRELESS FIRE DETECTION



EMS Universal Power Supply for Radio Cluster Communicators (RCCs) EN54-4

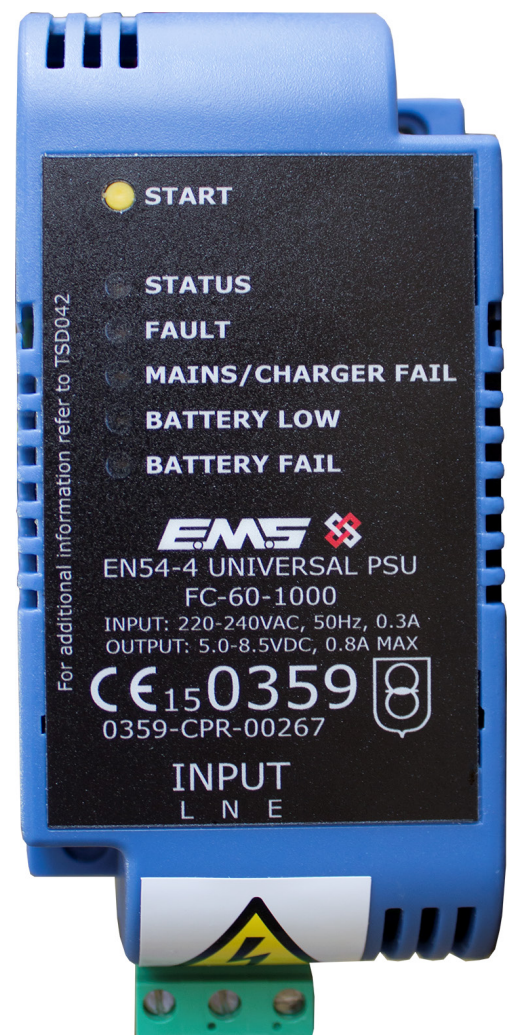
The FC-60-1000 Universal power supply has been newly launched for use in EMS current and future product ranges.

These products include the Radio Cluster Communicator used on the FireCell range for radio device communications.

The power supply has been developed for use in the Fire alarm market place and as expected the unit is fully certified to the EN54-4 standard and has third party certification.

General Specification

- The power supply is internally housed in the Radio Cluster Communicator as per previous product revisions.
- Input Voltage 220-240v ac 50Hz.
- 6v dc output voltage to the Radio Cluster Communicator pcb.
- Charging voltage for the internal 6v 4Ah battery.
- Provides the Radio Cluster Communicator with a 72 hour standby time.
- Mounting possible in either orientation to allow mains entry from the left or right hand side of the product.
- Can be used as a straight replacement for previous 113117 versions of RCC power supplies. Refer to the instruction manual TSD042 for full details.



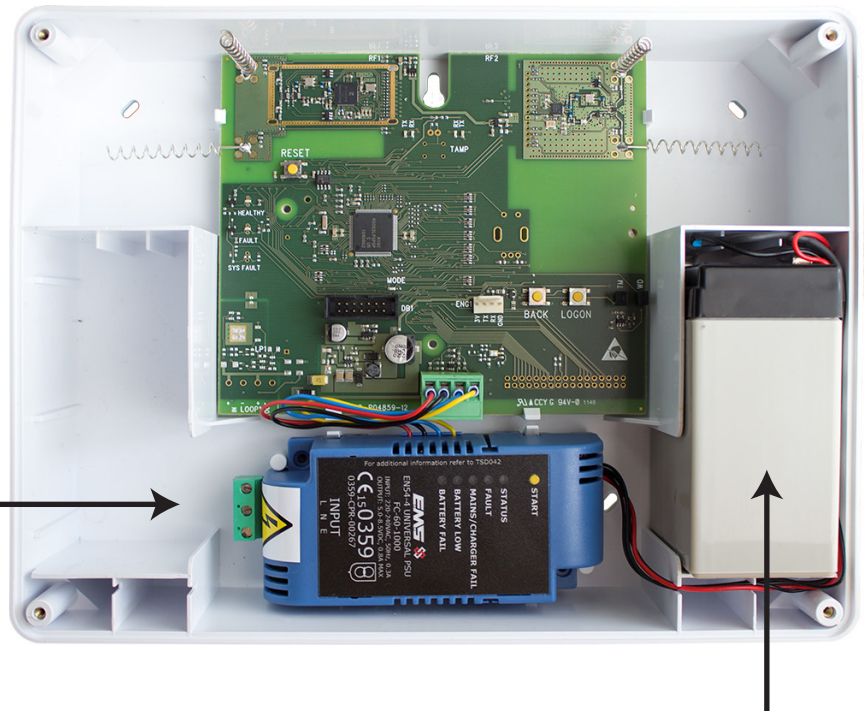
A full product technical specification is shown to the rear of this document.

Installation Changes

It should be noted that for installation ease the power supply is now factory fitted with the 220-240v ac mains input to the left of the product.

Radio Cluster Communicator
Part Number FC-555-001 in picture shown

Factory Fitted Mains Access
(On previous versions right hand access was standard).




Battery Part Number FC-006-004

Technical Data

Specification

Operating Temperature	-10°C to 50°C (ambient)
Power Requirements	Mains Powered 220-240V AC
Min/Max Electrical Ratings	Input: 220-240V AC, 50Hz, 0.3A Output Current: Imin 0.0 Amps, Imaxa 0.8Amps, Imaxb 0.8Amps
Input / Output Fuse Ratings	Input: T3.15A (Non replaceable) Output: 300mA and 750mA Max (Resettable)
Battery Backup	1 x 6V 4Ah Yuasa NP4-6 FR, or 1 x 6V 4Ah YuCel Y4-6
Battery Standby Time	72 hours
Maximum Battery Internal Resistance	0.7 Ohms
Maximum Current Drawn from the Battery by the PSE with Mains Disconnected	5mA (PSU), plus 100mA (RCC PCB)
Dimensions	53mm (W) 110mm (H) 39mm (D)
Weight	150g

Regulatory information

Manufacturer	EMS Security Group Ltd. Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ, United Kingdom
Certification	CE 15
Certification body	0359
CPR Certificate DOP	0359-CPR-00267
Approved to	EN54-4:1998 Incorporating Amendments Nos. 1 and 2. Fire detection and fire alarm systems. Part 4: Power supply equipment.
Application	Intended for use in fire detection and fire alarm systems in and around buildings. Indoor use only.
European Union Directives	EMS Security Group Ltd hereby declares that this device is in compliance with the essential requirements and other relevant provisions of EN 50130-4:2011.
	2012/19/EU (WEEE directive): Products marked with this symbol can not be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see www.recyclethis.info Dispose of your batteries in an environmentally friendly manner according to your local regulations.
Contact Information	
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