

# Prem1er

## Power Supply



### Description

The Eurofyre 'Premier' range of power supplies employ state-of-the-art switch mode power technology to provide a continuous and reliable source of 24V dc power to meet the technical and legislative requirements of the professional fire detection and alarm industry/installer.

There are two metal-clad boxed versions available, 1.5A or 4A 'true-load', each having two monitored and fused outputs with internal space for up to 2 x 12Ah or 17Ah batteries respectively. An innovative door mounted LCD display together with 4 LED indicators and two control switches, provides fast and efficient visual status of all critical functions.

### Features

- 2A or 4A 'true-load'
- Two monitored, fused outputs
- EN54-4, Amendment 2 compliant
- Attractive, metal-clad, powder coated enclosure
- Hinged, lockable door with integral LCD status display and controls
- 3-state charging circuit; boost, float and pulse mode
- Earth fault monitored
- Automatic battery deep-discharge protection
- Battery internal resistance monitoring
- Top and bottom 20mm removable cable grommets

### Typical Applications

- Aspirating smoke and gas detection
- Sounder boosters
- Linear heat detection
- Beam detectors
- Door holders and magnets
- Repeater panels
- Video detection
- Digital communicators

Model	EF46-300	EF46-305
<b>Electrical</b>		
Input Voltage	170-264V ac 47-63 Hz	170-264V ac 47-63 Hz
Output Voltage	28V dc nominal	28V dc nominal
Total Output Current (true load)	1.5A	4A
Battery Charging Current	625mA	920mA
Minimum Battery Size	2 Ah	7Ah
Maximum Battery Size	12 Ah	17Ah
Power Rating	75W	150W
Efficiency	79%	86%
Power Supply Outputs	2 Fused outputs	2 Fused outputs
Fault Relay Rating	1A SELV	1A SELV
Battery Deep Discharge Protection	19.7V at batt. terminals	19.7V at batt. terminals
Battery Condition Monitoring	YES	YES
<b>Indications &amp; Controls</b>		
Backlit LCD (4 Line x 20 Char.)	Measured values and general status	
4 x LED Indicators	Power, General fault, Earth fault, Battery fault	
Display Scroll Button	YES	YES
Display Backlight Enable	YES	YES
<b>Environmental</b>		
Operating Temperature	-10 to +60°C	-10 to +60°C
Operating Humidity	10 to 95% (non condensing)	10 to 95% (non condensing)
IP Rating	IP30	IP30
<b>General</b>		
Housing Material	Steel, powder coated	Steel, powder coated
Colour/Finish	RAL 7035, Textured finish	RAL 7035, Textured finish
Weight (less batteries)	3.0kg	3.5kg
Dimensions (W x H x D) mm	375 x 335 x 128	375 x 403 x 128
Design Standard	EN54 Part 4:1997/A2:2006	EN54 Part 4:1997/A2:2006
<b>Ordering Information</b>		
24V dc, 1.5A	EF46-300	EF46-300
24V dc, 4A	EF46-305	EF46-305

