

# IMARK

## PRODUCT DESCRIPTION



### FX2008A10 POWER SUPPLY

240 Volts AC to 13.65 Volts DC, 10 Amps  
Imark Stock # [602309](#)

#### Features:

- Switch-Mode Power Supply for Efficiency
- 10 Amps Rated Duty
- "AC ON" Indicator
- Battery Charging Facility
- Automatic Battery Change-Over facility
- In-Built Extension Speaker
- Fuse protection for AC Input, and DC Load
- In-Built Speaker
- Transient Barrier (Optional)
- Antenna Lightning Protector (Optional)
- Cabinet includes space for (Optional) NP2.3-12 Battery

#### DESCRIPTION:

The Imark FX2008A10 Power Supply is specifically designed to house the Kyodo KG108 or KG208 Mobile transceivers thus forming an attractive desktop package that includes an AC Power Supply with Automatic Battery Back-Up facility. The FX2008A10 Power Supply includes a rugged metal cabinet, an in-built loud speaker, and provision to fit an AC Transient Barrier, and an internal Back-Up Battery. The Power Supply is designed to operate from the AC Mains power source and provides 13.65 Volts DC at 10 Amps load. The battery charging circuit automatically changes to battery operation in the event of a power failure and reverts to the AC Mains upon restoration of AC Mains power.

Fuses are included as protection on the AC Mains input, DC Load output. An "AC Mains ON" indicator is provided while an internal 8  $\Omega$  extension speaker is included to provide clearer audio output for installations that connect to radios.

The compact size and all metal case allows easy installation at most locations.

The FX2008A10 has provision for the optional fitment of an internal Transient Barrier, a Lightning Surge Protector for the antenna cable, a Sealed Lead Acid Yuasa NP2.3-12 (2.3AH) Battery internally, while larger batteries can be externally connected.

<b>SPECIFICATIONS:</b>	
Input Voltage	200 - 240 Volts AC 48 - 62Hz (Other input voltages available)
Output Voltage	13.65 $\pm$ 2% Volts DC
Output Current	0 - 10 Amps
Over Voltage Protection	14.5 Volts - 16.5 Volts
Over Current Protection	10.55 Amps $\pm$ 0.45 Amp
Battery Deep Discharge Protection	9.8 Volts to 10.6 Volts
Hold Up Time	20mS @ 10Amps & 240 Volts
Output Ripple	Less than 150mV p-p
Design Specifications	AS3260 - 1988
Cooling	Convection
Operating Temperature Range	0° - 50° Celsius
Humidity	95% non-condensing
Unit Dimensions	260 (W) x 230 (D) x 153 (H) mm (excluding protrusions)
Shipping Dimensions	300 (W) x 280 (D) x 200 (H) mm
Unit Weight	4.25 Kg's
Shipping Weight	6.5 Kg's
Approvals	
Imark Stock #	602309
Inclusions	
Options	NP2.3-12 (2.3 Amp/Hour) Battery NP38-12 (38 Amp/Hour) Battery for external attachment Transient Barrier, Lightning Protector.