

IMARK

PRODUCT DESCRIPTION



PS60

POWER SUPPLY

240V AC - 13.8V DC 6 Amp (50% Duty) Regulated Power Supply

Imark Stock # [602266](#)

Features:

- 3 Amps Continuous Duty
- 6 Amps 50% Rated Duty
- Fold-Back Current Protection
- Over Voltage Protection
- Linear Design for Reliability
- Indicators for "AC ON", "DC ON/OFF", & "Output OK"
- ON/OFF Switch

DESCRIPTION:

The IMARK PS60 Regulated Power Supply operates from a 240 Volt AC power source and provides a 13.8 Volt DC output to operate 12 Volt (nominal) equipment. The PS60 Power Supply includes over voltage protection, fold-back current protection, and short circuit protection. Large filter capacitors provide a low noise output, while SMT components are utilised to provide reliability and longevity.

The IMARK PS60 Power Supply features a linear design and operates at greater than 50% efficiency. It provides 6 Amps peak output power (or 3 Amps continuous duty output) at 13.8 Volts DC. The design is compact and includes a rugged all metal housing. The housing is 2mm aluminium extrusion to provide excellent heat dissipation. Binding Posts are mounted on the front panel for ease of connection and threaded fasteners and screws are used throughout to provide a professional appearance and for ease of maintenance.

The PS60 are supplied with an operator's manual and a 1.8 metre AC Cable that plugs into the IEC socket on the rear panel during installation.

| SPECIFICATIONS: | |
|----------------------------------|--|
| Input Voltage | 240 Volts AC 50Hz (nominal), (Other Voltages available on request) |
| Output Voltage | 13.8 ($\pm 5\%$) Volts DC (11-15 Volts DC Internally Adjustable) |
| Peak Current | 7 Amps @ 25°C |
| Rated Output Current (50% Duty) | 6 Amps |
| Rated Output Current (100% Duty) | 3 Amps |
| Output Ripple | 100mV (p-p) maximum at rated output |
| Conducted Emissions | Meets AS/NZS 1044 |
| Operating Temperature Range | 0 to 50°C |
| Unit Dimensions | 160(W) x 175(D) x 88(H) mm (excluding AC Cable & Protrusions) |
| Shipping Dimensions | 170(W) x 260(D) x 110(H) mm |
| Unit Weight: | 4.2 Kilograms |
| Shipping Weight: | 4.5 Kilograms |
| Inclusions | AC Cable, Operators Manual |
| Approvals | AS3108 (Stationary), AS/NZS1044 |
| Imark Stock # | 602266 |
| Options | Other AC voltages |