

TR-PM-9G

220/240 VAC Power Supply and Battery Charger

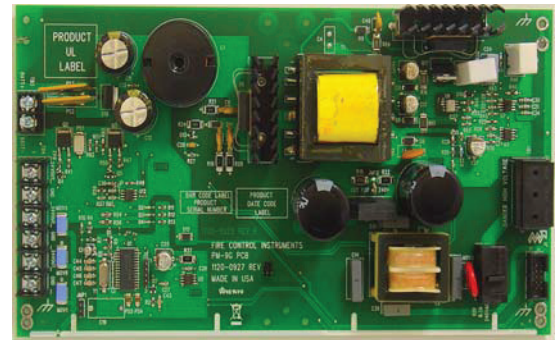
GENERAL

The TRIGA, TR-PM-9G Power Supply is a 220/240 VAC, 50/60 Hz switching power supply. It provides power to the Fire Alarm Control Panel, TR-INCC Command Center, TR-INX Transponder sub-assemblies, and all the GEN2 Series components.

The TR-PM-9G is a component of the following systems.

- GEN2 Series Expandable Emergency Evacuation System
- GEN2 Series Combined Fire Alarm and Mass Notification Systems
- GEN2 Series Broadband Voice Evacuation System

It includes 9 amperes of filtered and regulated 24 VDC FWR. In addition, it has an internal battery charging circuit that is capable of maintaining up to 55 A/H batteries.



TR-PM-9G

INSTALLATION

Typically, the TR-PM-9G Module can be mounted in the following GEN2 Series cabinets:

- Cabinet B, Fire Alarm Control Panel
- Cabinet C, TR-INCC Command Center
- Cabinet C, TR-INX Audio Transponder
- Cabinet D, TR-INCC Command Center
- Cabinet D, TR-INX Audio Transponder

For information on the TR-PM-9G installation, refer to the following documents:

- GEN2 Series Manual, 9000-0579-TR:A
- TR-PM-9G Installation Instructions, 9001-0055:E6
- Mass Notification System Installation/Operation Manual, TR-TDS-LS10013-000GF-E.

FEATURES & BENEFITS

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| • Listed under UL®Standard 864, 9 th Edition | • Includes 9 ampere, filtered, regulated power supply | • Offers energy and space-saving switching technology |
| • Listed under UL Standard UL2572 for Mass Notification | • Provides 1 ampere battery charging current. | • Contains an integral battery charger capable of recharging up to 55 A/H batteries (Batteries not furnished). |

Note: Specifications are subject to change without notice.



Technical Specifications

SPECIFICATIONS

Input Voltage: 220/240 VAC @ 50/60 Hz

Input Current: 2.7 amps max.

Output Voltage: 24 VDC FWR

Output Current: 9 amperes Alarm maximum continuous

Output Current: 5 amperes Standby max. continuous

Standby (when the TR-PM-9G is used with the TR-ILI-E3 or the TR-ILI95-E3 Series) (See Note 1)

Output Current: 4 amps maximum continuous

Standby (when the TR-PM-9G is used with any TR-AM-50 Series amplifier) (See Note 1)

Output Current: 1 amp battery charging current

Alarm Current: 0.050 amp

Supervisory Current: 0.027 amp

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93% (non-condensing) at 90° F (32° C)

Dimensions: 10 1/2" W x 5" H x 2" D

27 W x 13 H x 5 D cm

Supervised and Non-Power-Limited

Note 1: Continuous standby loads in excess of .560 Amps up to 5 Amps or 4 Amps may require a Generator Backup or load shedding during an AC power failure.

STANDARDS

The TR-PM-9G is designed to comply with the following standards:

UL Standards: UL 864 9th Edition

UL 2572 for Mass Notification

ORDERING INFORMATION

TR-PM-9G: Power Supply and Battery Charger, 220/240 VAC

29229: AC Line Filter Kit

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

TRIGA INVESTMENTS, LLC
340 Taxiway Bravo Beeville, TX 78102,
Tel: +1330-577-5199. Email: info@trigaglobal.com

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