

The standard battery charger on the MPS- 8 is capable of operating lead acid batteries. The charger is sized to maintain up to 60 Ah Batteries.

Standard Applications

The MPS-8 is the Main Power Supply for all 600 Series Systems. The MPS-8 provides 4 Amps for system power and 4 Amps for signal power. The MPS-8 also provides power monitoring and battery charging for the system.

The APS-8 is used whenever additional signal power or 24VDC auxiliary power is required. The APS-8 has been designed to connect directly to the USM signal module to

simplify system design and installation. An unlimited number of APS-8 power supplies may be added to a system without affecting system I/O capacity.

Engineers Specification

The Fire Alarm System shall be provided with an integral 8 Amp power supply. The power supply shall be fully supervised and shall monitor for the presence of main AC power as well as battery power. The Main Power Supply shall also monitor for low\no battery and brown-out conditions. The Main Power Supply shall house a battery charger capable of charging 60 Ah batteries and shall be equipped with automatic high

rate circuitry. The Main Power Supply shall be Gamewell Model MPS-8.

Auxiliary power supplies shall be supplied as required to power all signals and auxiliary devices such as door holders. The Auxiliary Power Supply shall provide 8 Amps of full wave rectified power. Provisions shall be made on the Auxiliary Power Supply for battery backup as required. The Auxiliary Power Supplies shall be Gamewell Model APS-8.

Electrical Specifications

Primary Input: 120 VAC
 Secondary Input: 24 VDC
 Output 8 Amps @ 24VDC

Ordering Information

Supplied	Part Number	Model	Quantity	Description
<input type="checkbox"/>		MPS-8	_____	Main Power Supply, 8 Amps @ 24 VDC Complete with Lead Acid Battery Charger Module
<input type="checkbox"/>		APS-8	_____	Auxiliary Power Supply, 8 Amps @ 24 VDC, chassis mounted
<input type="checkbox"/>		MPL	_____	Main Power Limited Option for Common Control Signaling circuits when operating march time of Coded Signaling Circuits—mounts to MPS-8
<input type="checkbox"/>		APL	_____	Aux Power Limited Option for USM 4 or 8 signaling Circuits when operating March Time or Coded Signaling circuits. Mounts to APS-8 only.
<input type="checkbox"/>		APS632-8	_____	Auxiliary Power Supply used only with 632 Series of Control Panels. A CAB 632-4 must be used to house up to two of these power supplies.



Specifications and wiring information are provided for information only and are believed to be accurate. However, Gamewell assumes no responsibility for their use. Specifications are subject to change without notice; installation and wiring instructions shipped with the product should always be used for actual installation.