

Fire detection and evacuation solutions that save lives.

MultiAmp Power Supply Range

Features

- 27.6V dc output
- Energy efficient operation
- Cost effective switch mode technology
- Intelligent battery charging and monitoring technology
- Deep discharge protection
- Mains AC transient protection
- Remote fault signaling
- Full rated current to load plus additional current for battery charging

Description

The MultiAmp PSU range of power supplies has been specifically designed for Fire System Installations and features intelligent battery charging and monitoring with remote fault signalling.

Available in 2A, 5A or 10A versions, the MultiAmp PSU range of switch mode power supplies has been specifically designed for use with compliant fire detection and alarm systems.

The units include intelligent battery charging using efficient EcoCharge technology, possess mains & battery monitoring with independent voltage free relay outputs. The units also feature battery deep discharge protection in the event of a prolonged mains failure. The inclusion of LED indicators provides quick diagnostics of the status of the power supply, while a variety of enclosures offer the installer a choice of standby battery backup options.

Supervisory LED indication:

- Mains status
- Output fault
- Battery fault
- Charger fault

Volt-free fault output - EPS:

- Mains fail
- 6 x 1A Fused Low Voltage Outputs

Volt-free fault output – PSU fault:

- Battery fault
- Charger fault
- Loss of output

Applications

Power Supply for Wagner HSSD Equipment.

General Purpose Stand-alone power supply for fire alarm electronic equipment such as door holders, beam detectors and interfaces.



Item Numbers

4510-9102	2 Amp 27.6Vdc Power Supply Unit
4510-9105	5 Amp 27.6Vdc Power Supply Unit
4510-9210	10 Amp 27.6Vdc Power Supply Unit
4510-9310	10 Amp 27.6Vdc Power Supply Unit

Specifications

Output (mains on)	27.6Vdc
Load Output	2.0, 5.0 & 10.0 Amps
Mains Supply	110V ac to 230V ac @ 50Hz
Environment	-10°C to 40°C @ 75%RH
Dimensions (mm)	
4510-9102	400W x 420H x 80D
4510-9105	400W x 420H x 80D
4510-9210	420W x 420H x 180D
4510-9310	420W x 680H x 180D
Battery Capacity	
4510-9102	e.g. PowerSonic, Yuasa, Olympic 2 x 7Ahr 12V or 2 x 17/18Ahr 12V
4510-9105	2 x 7Ahr 12V or 2 x 17/18Ahr 12V
4510-9210	2 x 17/18Ahr 12V, 2 x 40Ahr 12V
4510-9310	2 x 65/75Ahr 12V
Quantity Wagner Units Supported	
	4510-9102 / 9105 = 1 unit 4510-9210 = 4 units 4510-9310 = 6 units
IP rating	IP30
Material	1.6mm Mild Steel
Finish	Power coated - Surf Mist
Approval	Approved to AS7240.4:2018