ELMDENE
Potter Global Technologies

HOW TO SELECT A PSU
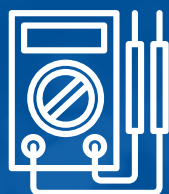
WHAT SYSTEM IS BEING PLANNED?

FIRE

ACCESS CONTROL

INTRUDER

IS THIRD PARTY COMPLIANCE REQUIRED?

FIRE		
EN54-4	EN12101-10	NONE

EN54-4 and EN12101-10 are European Standards for PSUs used in fire detection, fire alarm systems, and AOV systems.

ACCESS CONTROL	
UL294	NONE

UL294 applies to the construction, performance, and operation of access control equipment and systems, including PSUs.

UNIVERSAL ENCLOSURE for greater installation flexibility

INTRUDER	
EN50131-6	NONE

EN50131-6 is the European Standard specific to PSUs within an intrusion system.

LI-POWER to power your communication devices, Compliant with EN50131-6:2017 Grade 2 & 3

WHAT ARE THE POWER REQUIREMENTS?

VOLTAGE
12V	24V

The output requirement for system devices connected to the power supply.

CURRENT
1A, 2A, 3A, 4A, 5A, 8A, 10A, 16A and 20A maximum

The Amp rating of a power supply is the maximum it can supply to devices.

BATTERY SIZE
1.2Ah, 7Ah, 8Ah, 17Ah, 18Ah, 24Ah, 38Ah, and 65Ah battery options

Dependent on required backup times and the type of system.

These power requirements will determine the enclosure size that is required.

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DOES YOUR PSU NEED TO BE MONITORED?

MAINS FAIL

PSU FAULT

BATTERY FAULT

BATTERY DEEP DISCHARGE PROTECTION

PSUs can detect and provide visual fault diagnostic LED status if a fault occurs.

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WHAT EXTRA FEATURES ARE REQUIRED?

TAMPER PROTECTION
To notify if PSU is opened or removed.

LED INDICATION
Visual diagnostics are located on the lid of the PSU.

FUSED OUTPUTS
Enables multiples devices to be powered and protected.

FUSE TYPE
Choose between Glass and PTC fuse options.

FIRE FOM
Independent fused output module that can be controlled by an alarm signal from a Pre panel.

IP RATING
IP66 rated plastic enclosures for outdoor installations.

DIN RAIL MOUNTABLE
The capability of fixing power modules to standard DIN rail for custom installations.

ENCLOSURE LID TYPE
Choose between Hinged or Removable options.

BRANDING
Build upon your brand by having your logo on the PSU enclosure.

For more information on the importance of making the right selection, download our ebook.

To view our full range of PSUs, download our current **product guide.**

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