

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

PoE



Voltage output in battery operation: 24 V DC which is boosted to 48 V.

Current: 2.5 A.

Charging current: Depending on the power outlet. 25 A.

Effect: 600W.

Max power per port: 30.8 W.

Number of PoE Ports: Eight + two ethernet not PoE-fed.

Name, article number and e-number

Name, article number and email number.

Name	Article number	E-number (SV)
PoE Switch Managed 8p FLX L	FL01N10224P25008PM	51 729 48

Description

Primary switched eight-port PoE power supply with battery backup 24 V, 30.8 W/port, with room for two 45 Ah batteries. Can be expanded with 2 x 8 ports for a total of 24 ports.

Area of use

Power supply with backup power to power PoE devices such as surveillance cameras and other PoE powered devices. A plate for keystone modules makes the installation of PoE devices easier.

Batteries drive, for example, the access system, when the power grid goes down.

Long life, energy efficient and support is available if something goes wrong, now or in 10 years.

Technical description

Plate for attachment of Keystone modules.

ports.

Constant output voltage, , regardless of battery or mains operation, which means that the entire battery capacity can be used.

For mounting on a wall or in a 19" rack.

Voltage, current and power

Voltage out: 24 V DC which is boosted to 48 V. Auxiliary voltage 24 V DC.

Load outputs

PoE switch can drive load to PoE devices and motherboard can drive one (1) 24V load output to drive other applications.

Alarm

Alarms are given for: Delayed power failure alarm or low battery voltage, disconnected batteries, fuse failure and overcharging of batteries.

Protection

Protection against overload, overvoltage, overtemperature, short circuit and deep discharge.

Indications and communication

LED displays information and alarms on the circuit board and on the enclosure door.

Battery and battery type

Two 45 Ah batteries.

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Batteries not included.

Batteries.

Item number	Ah	Net weight pcs.	Weight w. package
MT113-12V45A-01	45	29.5 kg	30 kg

Backup operating time on batteries

The reserve operating time in battery operation depends on how large a load is connected to the power supply. If the load varies, as with frequent opening of door locks, the time that batteries can continue to power the security system decreases. To get an estimate of reserve operating times see: www.milletechnik.se/Manualer/FaQ/Reservdrifttider/

Enclosure

Sheet metal cabinet for wall mounting or in a 19" rack cabinet (10 HE). Powder-coated black. Four cable entries on the top and knockout holes on the back. Cable tie holder in enclosure. Lockable, two keys included.

Dimensions, fan and IP class.

Dimensions, height x width x depth	[sv] HE	Built-in fan	IP class
444 x 437 x 212 mm	10	Yes	IP32

Weight

Weight.

Name	Net weight	Weight incl. packaging
PoE Switch Managed 8p FLX L	14 kg	15 kg

Installation requirements

The device is intended for fixed installation. The unit must be installed indoors, environmental class 1, ambient temperature: +5°C to +40°C. Recommended ambient temperature is +15°C to +25°C (for optimal battery life).

Requirements that the product meets

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
PoE:	IEEE 802.3af, IEEE 802.3at/30.8 W Note that 802.3at type2 is not supported, as the PoE card lacks a handshake function for type 2. IEEE 802.3af, IEEE 802.3at/30.8 W up to Type2, Class 4.
CE:	CE directive according to: 765/2008



Guarantee

The product has a two-year warranty against manufacturing defects. Batteries and wearing parts are not covered by warranty.

Expandable, options and accessories

The product can be expanded with two 8-port PoE cards.

Manufacturing, lifespan, environmental impact and recycling

Manufactured by Milleteknik in Partille, Sweden.

¹Costs incurred in connection with recycling are not reimbursed.

The product is designed and constructed for a long service life, which reduces the environmental impact. The life of the product (except wearing parts) depends on, among other things, environmental factors, mainly ambient temperature, unforeseen load on components such as lightning strikes, external impact, handling errors, etc. Products are recycled, simply because they are modular, by being left at the nearest recycling station or sent back to the manufacturer.¹Contact your distributor for more information.

Link to the latest information

Products and software are subject to updates, you will always find the latest information on our website.

PoE

About this information

All information is published subject to possible errors. Information is updated without prior notice.