

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

PoE

PoE injector 1p S



PoE injector with 1 port.

Name, article number and e-number

Name, article number and email number.

Name	Article number	E-number (SV)
PoE injector 1p S	SM01000012P02001PU	51 719 50

Description

Primary switched PoE injector with battery backup 12 V, 25 W with room for a 7 Ah battery.

Area of use

PoE Injector is used when the distance between PoE device and connection (switch) is too long. The PoE injector is a power injector that makes it possible to power PoE devices at longer distances. The battery in the unit continues to power the injector when the steady power supply is lost. The product must be used indoors and is not suitable for outdoor use.

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.

Common uses

- Supports IP cameras, readers, door centers and other networked security devices
- Power and data distribution over a single network cable for simplified installation.
- Used to power IP-based access systems where both data and power go through network cabinets.

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.

Voltage, current and power

Self-consumption is the power outlet the circuit board has when the system is deployed and in battery operation.

Self-consumption

Circuit Boards	Self-consumption (in battery operation)	Comments
PoE Injector 1p	Data is missing.	

Voltage out: 12 VDC.

Output voltage in battery operation: 12 VDC.

Current: 0.5 A

Charging current: max. 0.5 A

Power: 25 W.

Number of PoE injector ports: One.

Load outputs

PoE switch can drive load. Load output to drive other applications is missing.

Alarm

The unit cannot give alarm.

Protection

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

Controlled charging of batteries protects against overcharging and extends the life of batteries. Batteries are charged with the most

Indications and communication

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

PoE power supply can not as an option, communicate via protocol (RS-485/I²C) against UC. (ASSA ABLOY, RCO, Sentrion, Unison, Bravida, Vanderbilt/ACRE and Tidomat - this can only be set from the factory and cannot be changed by users or technicians).

Battery and battery type

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Battery sizes must not be mixed.¹

1 piece, 7.2 Ah, battery.

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.milleteknik.se/Manualer/FaQ/Reservdrifttider/

Enclosure

Sheet metal cabinet for wall mounting, powder-coated white. Six cable entries. Cable tie holder in enclosure.

Dimensions, with and without packaging.

Dimensions, height x width x depth. ^a	Dimensions with packaging.
230 x 216 x 85 mm	125 x 260 x 255 mm

^aDimensions of product and packaging may differ, this is because the product may lie differently in the packaging.

Height units, fan and IP class.

HE	Built-in fan	IP class
6 ^a	No	IP20

^aCannot be mounted in a 19" rack.

Weight

Weight.

Name	Net weight	Weight incl. packaging
PoE injector 1p S	4 kg	4 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.
CE:	CE directive according to: 765/2008

¹The number of batteries listed represents the maximum number that the device can handle at the same time. If multiple battery sizes are specified, this means that the device can only accommodate one battery size at a time.

²Costs incurred in connection with recycling are not reimbursed.



NOTE

The product is part of electrical systems, is subject to the relevant electrical and safety directives and is not a machine according to the Machinery Directive (2006/42/EC).



Guarantee

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

Expandable, options and accessories

The product cannot be expanded.

Manufacturing, lifespan, environmental impact and recycling

Manufactured by Milleteknik in Partille, Sweden.

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.²Contact your distributor for more information.

Ecodesign requirements under EU Regulation 2019/1782

This product meets the ecodesign requirements according to [EU Regulation 2019/1782](http://europa.eu/legislation/law/eu_regulation/2019/1782).

Further information on energy performance and recyclability can be found in the manual or at milleteknik.se/ekodesign.

The following applies to the entire product.



IMPORTANT

The regulation is primarily designed for consumer products. Milleteknik's products, on the other hand, are developed for professional use and industrial environments, which means that most of our products are not directly affected. Since power supplies are covered, we have chosen to openly disclose relevant information for the products that contain power supplies — so that our customers can always

Denomination Swedish	Efficiency (%) ^a	Standby consumption, typical (W):
PoE injector 1p S	84.5%	1.0 W

^aAt rated load.

Link to the latest information


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

PoE

Link to technical specifications

LINKS TO MANUALS AND PRODUCT SHEETS

You can find manuals and product sheets at: www.milleteknik.se The QR code below takes you to the product page.

Name	Dimensions	Batteries that fit	Link
PoE injector 1p S	230 x 216 x 82 mm	1 pieces 12 V, 7.2 Ah.	

Batteries are only included if specified, otherwise batteries will need to be purchased separately.

About this information

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

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