

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

More information



### 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.

### Voltage, current and power

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 a maximum of 0.5 A.

### Indications and communication

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

PoE power supply cannot communicate via protocol (RS-485/I<sup>2</sup>C) to UC.

### Battery and battery type

1 piece, 7.2 Ah, battery.

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

### 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/](http://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, height x width x depth	Built-in fan	IP class
230 x 216 x 85 mm	No	IP20

## Weight

Name	Net weight	Weight incl. pack-aging
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

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



## 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 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.<sup>1</sup>Contact 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

<sup>1</sup>Costs incurred in connection with recycling are not reimbursed.

## About this information

All information is published subject to possible errors. This document is updated without notice.