

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

PoE



compartment for batteries and temperature sensor for protection against overcharging. Works in temperatures from -15°C to +35°C, IP65 rated. Prepared for mounting on a pole and prepared for logger function for collecting data.

Voltage, current and power

Mains voltage: 230 V AC - 240 V AC, 47 Hz - 63 Hz.

[sv] Egenförbrukning är det strömuttag kretskortet har vid driftsatt system och i nät drift.

[sv] Egenförbrukning

<i>[sv] Kretskort</i>	<i>[sv] Egenförbrukning</i>	<i>[sv] Kommentar</i>
<i>[sv] CEO4 48V</i>	<i>[sv] 32 mA</i>	

Name, article number and e-number

Name, article number and email number.

Name	Article number	E-number (SV)
PoE Managed 4p 24V 5A OUT S	PL02P30024P050P-UTS	51 731 57

Voltage out:

Voltage output in battery operation:

Current: 2.5 A.

Charging current: Depending on the power outlet.

Effect:

Max power per port: 30.8 W.

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

Description

Outdoor PoE power supply, 24 V, 5 A, with space for two 14 Ah batteries.

Area of use

Power supply with backup power to power PoE devices such as surveillance cameras, 3-5G routers and has a 24 V output to be able to power other alarm components. Remote monitoring and control of PoE ports is possible. Batteries are located in a heated, thermostatically controlled and insulated part of the enclosure.

[sv] Strömförsörjning för att driva PoE-enheter som övervakningskameror och andra PoE drivna enheter.

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

[sv] Vanliga användningsområden

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.

[sv] Larm över RJ-45, se manual för larm som PoE-switch kan ge.

Technical description

Contains a 4-port managed Gbit PoE+ switch with 30.8W per port, a total of 150W including battery recharge. Can be managed over VPN¹ for control and status monitoring including power consumption per port. Equipped with total alarm and 24V output from the backup for operation of other equipment. Thermostatically controlled, insulated

Protection

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

Fuses

Mains fuse:

Battery fuse:

¹VPN requires externally connected hardware and software (PC) connected to the PoE switch.

Battery and battery type

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Battery sizes must not be mixed.²

2 pieces 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

Box in fiberglass reinforced acrylic plastic.

Dimensions, with and without packaging.

Dimensions, height x width x depth. ^a	Dimensions with packaging.
300 x 250 x 141 mm.	515 x 415 x 308 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
7 ^a	No	IP20

^aCannot be mounted in a 19" rack.

Weight

Weight.

Name	Net weight	Weight incl. packaging
PoE Managed 4p 24V 5A OUT S	[svj] 11,45 kg	[svj] 12,2 kg

Installation requirements

The device is intended for fixed installation. Ambient temperature: – 15°C to +35°C.

Requirements that the product meets

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
CE:	CE directive according to: 765/2008
Emission:	EN61000-6-: 2001 EN55022: 1998: -A1: 2000, A2: 2003 Klass B, EN61000-3-2: 2001

²The 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.

³Costs incurred in connection with recycling are not reimbursed.

Immunity:	EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11 SS-EN 50 130-4:2011 Edition 2, EN50131-6
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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. Components that are manufactured by a manufacturer other than Milleteknik are not covered by Milleteknik's warranty.

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.³Contact your distributor for more information.

Miscellaneous

The difference between PoE, PoE+ and PoE++.

Max power PoE.

-	PoE	Poe+	PoE++
Official name	IEEE 802.3af	IEEE 802.3at	IEEE 802.3bt
Maximum power	13 W	25 W	71 W

-	PoE	Poe+	PoE++
Compatible ^a .	-	PoE	PoE, PoE+

^aThe power supply follows "up", but not "down". A PoE can never power a PoE+/PoE++ device that requires more than 13 W.

About this information

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

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