

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

EN54-4 Certified / SBF110:8 Approved battery backup

EN54 24V 1,5A MX S / EN54 24V 5,5A MX M / EN54 24V 7,5A MX L



EN54 battery backup for wall mounting.

Name, article number, e-number and certificate number

Name	Article number	E-number
EN54 24V 1,5A MX S	C000P00024P015- EN54	52 135 45
EN54 24V 5,5A MX M	C010P00024P055- EN54	52 136 30
EN54 24V 7,5A MX L	C010P00024P075- EN54	52 136 31

Description

EN54-4 Certified battery backup 24 V, 1.5 A, with room for two 7.2 Ah batteries.

EN54-4 certified battery backup 24 V, 5.5 A, with room for two 20 Ah batteries.

EN54-4 Certified battery backup 24 V, 7.5 A, with room for two 45 Ah batteries.

Area of use

EN54 MX supplies power to external alarms in fire alarms and is certified for use with smoke doors. The rectifier in the power supply converts 230 V DC down to 24 V DC. EN54 MX is EN54-4 and EN12101-10 certified.

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

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

Voltage out: 27.3 VDC, (24 V).

Charging current: 1 A. 2 A.

Power outlet: 1.5 A. 5.5 A. 7.5 A.

Load outputs

Two load outputs.

Alarm

Alarms are given for: Disconnected batteries, charger error undervoltage, charger error overvoltage, low battery voltage, mains interruption and fuse error.

Protection

Controlled charging of batteries protects against overcharging and extends the life of batteries. Batteries are charged with a maximum of 0.5 A.

Protection against: Deep discharge of batteries, short circuit, overload, overvoltage and overtemperature

Fuses

Mains fuse: 4 A. 6.3 A,

Load securing: 2 A. 3.15 A 6.3 A. 10 A.

Battery fuse: 6.3 A. 8 A. 10 A.

Battery and battery type

2 pieces 7.2 Ah battery.

2 pieces, 20 Ah, battery.

Two 45 Ah batteries.

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/

Enclosure

Sheet metal cabinet for wall mounting. Powder coated red. Six cable entries.

Sheet metal cabinet for wall mounting. Powder coated black. Six cable entries.

Dimensions, height x width x depth	Built-in fan	IP class
250 x 340 x 80 mm	No	IP20
356 x 395 x 96 mm	No	IP20
356 x 455 x 187 mm	No	IP20

Weight

Name	Net weight	Weight incl. packaging
Battery backup EN54 24V1.5A S	3.1 kg	4.1 kg
Battery backup EN54 24V 5.5A M	4.5 kg	5.5 kg
Battery backup EN54 24V 7.5A L	7.2 kg	8.2 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
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 extended with a: [6 output modules](#).

Manufacturing, lifespan, environmental impact and recycling

Made in the EU.

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.

¹Costs incurred in connection with recycling are not reimbursed.

Link to the latest information

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

EN54

About this information

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