

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

SSF1014 certified* battery backup with communication

NOVA FLX M



NOVA FLX M can be mounted on a wall or in a 19" rack.

NOVA FLX S



NOVA FLX S can be mounted on a wall or in a 19" rack.

NOVA FLX L



NOVA FLX L can be mounted on a wall or in a 19" rack.

*12 V and 24 V units are certified, with the exception of the NOVA 12V 10A FLX L which meets the requirements but is not certified.

Name, article number and e-number

Name	Article number	E-number
NOVA 12V 10A FLX S	FS01P30012P100	52 136 47
NOVA 12V 10A FLX M	FM01P30012P100	52 136 48
NOVA 12V 10A FLX L	FL01P30012P100	52 136 49

Description

Primary switched battery backup, 12 V, 10 A, with room for two 7.2 Ah or two 14 Ah batteries.

Primary switched battery backup, 12 V, 10 A, with room for two 20 Ah batteries.

Primary switched battery backup, 12 V, 10 A, with room for two 45 Ah batteries.

Area of use

NOVA supplies power to access systems, alarm systems or other security products in a building that are powered by 12 V or 24 V DC. The rectifier in the power supply converts 230 V AC down to 12 V DC or 24 V DC. NOVA 24 V power supply is certified to be used in security facilities that must comply with SSF 1014, all the way from alarm class 1 up to alarm class 4.

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: 13.6 VDC, (12 V).

Charging current: 10 A.

Power outlet: 10 A.

Load outputs

Two load outputs.

Fuses

Mains fuse: 2.5 A.

Load securing: 10 A.

Battery fuse: 16 A and 30 A. (16 A) and 30 A automatic fuse.

Battery and battery type

2 pieces 7.2 Ah battery.

2 pieces, 14 Ah, battery.

2 pieces, 20 Ah, battery.

Two 45 Ah or two 28 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 or in a 19" rack cabinet (5 HE). Powder-coated black. Four cable entries on the top and outlet holes on the back. Cable tie holder in enclosure.

Dimensions, height x width x depth	Built-in fan	IP class
224 x 437 x 212 mm	Yes	IP32

Weight

Name	Net weight	Weight incl. packaging
Battery backup NOVA 12V10A FLXL	12 kg	15 kg
Battery backup NOVA 12V10A FLXM	8 kg	9 kg
Battery backup NOVA 12V10A FLXS	6.5 kg	7 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).

¹Costs incurred in connection with recycling are not reimbursed.

Requirements that the product meets

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
Immunity:	EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11 SS-EN 50 130-4:2011 Edition 2, EN50131-6



Area of use

NOVA is mostly used for: Access systems, fire alarms, burglar alarms, (integrated security systems), in public environments such as schools, offices and commercial properties.

Limitations

NOVA 12V 10A FLX S, NOVA 12V 10A FLX M, NOVA 12V 10A FLX L are not certified.

Guarantee

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

[NOVA](#)

About this information

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