

## PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

## SSF1014 CERTIFIED BATTERY BACKUP WITH COMMUNICATION



## NAME, ARTICLE NUMBER AND E-NUMBER

**Table 1. Name, article number and email number.**

Name	Article number	E-number
BT-10 FLX Small COM Gen2	28160123	52 576 97
BT-5 FLX Small COM Gen2	28160121	TBA

## DESCRIPTION

Primary switched battery backup, 24 V, 5 A, with room for two 7.2 Ah or two 14 Ah batteries.

Primary switched battery backup, 24 V, 10 A, with room for two 7.2 Ah or two 14 Ah batteries.

## AREA OF USE

The product supplies power to access systems, alarm systems or other security products in a building that are operated with 24 V DC. The rectifier in the power supply converts 230 V AC down to 24 V DC. 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: 27.3 VDC, (24 V).

Charging current: 10 A.

Power outlet: 5A. 10 A.

## LOAD OUTPUTS

Two load outputs.

## FUSES

Mains fuse: 2.5 A.

Battery fuse: 16 A and 30 A.

## BATTERY AND BATTERY TYPE

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

2 pieces 7.2 Ah battery.

2 pieces, 14 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.milletek.se/Manualer/FaQ/Reservdrifttider/](http://www.milletek.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.

**Table 2. Dimensions, with and without packaging.**

Dimensions, height x width x depth. <sup>a</sup>	Dimensions with packaging.
222 x 437 x 145 mm	250 x 490 x 185 mm

<sup>a</sup>Dimensions of product and packaging may differ, this is because the product may lie differently in the packaging.

**Table 3. Height units, fan and IP class.**

HE	Built-in fan	IP class
5	Yes	IP32

#### WEIGHT

**Table 4. Weight.**

Name	Net weight	Weight incl. packaging
BT-10 FLX Small COM Gen2	5.8 kg	6.5 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

**Table 5. 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:	EN61000-6-1: 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



<sup>1</sup>The 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.

## STANDARDS THAT PRODUCT (S) MEET AND ARE APPROVED FOR

**Table 6. SSF**

SSF1014 Alarm class 1-4 (burglar alarm).
SSF1014, Issue 5.

**Table 7. Certificate and certificate number**

Certificate number, SBSC	Designation SBSC
No. 20-117	NOVA 27 50-FLX S • NOVA 27 100-FLX S • NOVA 27 50-FLX M • NOVA 27 100-FLX M • NOVA 27 150-FLX M • NOVA 27 250-FLX M • NOVA 27 50-FLX L • NOVA 27 100-FLX L • NOVA 27 150-FLX L • NOVA 27 250-FLX L Unison Facility Cabinet

## GUARANTEE

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

## EXPANDABLE, OPTIONS AND ACCESSORIES

Plate for attaching the tamper switch to the wall to meet the alarm class for [FLX S](#) and [FLX M and FLX L](#).

## 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>2</sup>Contact your distributor for more information.

## ABOUT THIS INFORMATION

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

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<sup>2</sup>Costs incurred in connection with recycling are not reimbursed.