PRODUCT SHEET

SIN - UPS Product sheet / technical data

Product Identification

Product designation, Part Number and E-Number

Product designation	Item No.	E-number (SE)
SINE UPS 1100W FLX L	FL01U0031FP011	52 136 61

Description

SINUS UPS with the latest switch technology and advanced self-test for best operational reliability.

Area of use

SINUS UPS is mostly used to power security applications ranging from emergency opening of doors in public environments to gates and gates for industry.

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.

MAXIMUM RATED POWER

Brand effect.

Maximum rated power	Continuous effect
SIN 1100W FLX L	1100 W

Load outputs

Output for connection to emergency light/indicator light. Output for connection to pictogram.

Alarm

Alarm for low battery voltage, mains failure, self-diagnosis and sum-alarm.

Protection

Controlled charging of batteries protects against overcharging and extends the life of batteries. Batteries are charged with the most

Protection UPS standard 62040-1-1. Electronic current limitation and overtemperature protection as well as automatic shutdown in case of heavy overload or short circuit after 3-5 seconds according to UPS STANDARD EN62040-1-1. The inverter is thus short-circuit protected.

Fuses

Battery protection: 10 A.

Battery charger: T16A.

Contactor: T0.5 A

Indications and communication

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

Battery and battery type

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Batteries not included. Battery sizes must not be mixed.[1].

Two 45 Ah batteries.

Enclosure

Sheet metal cabinet for wall mounting or in a 19" rack cabinet (10 HE). Powder-coated black. Four cable entries on the top and knockout holes on the back. Cable tie holder in enclosure. Lockable, two keys included.

Dimensions, with and without packaging.

Dimensions, height x width x depth.[a.]	Dimensions with packaging.
444 x 437 x 212 mm	550 x 500 x 300 mm

[a.] Dimensions of product and packaging may differ, this is because the product may lie differently in the packaging.

[1] 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.

Height units, fan and IP class.

HE	Built-in fan	IP class
10	Yes	IP32

Weight

Weight.

Name	Net weight	Weight incl. packaging
UPS SINUS 1100W FLX L	18 kg	19.5 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

The product meets the following requirements.

Electricity:	Low Voltage Directive 2014/35/EU EN 62368-1
CE marking:	Regulation (EC) No 765/2008
Emissions:	EN61000-6-:2001 EN 55022:1998: -A 1:2000, A 2:2003 Class B, EN61000-3-2:2001, EN 55032 (replaces EN 55022)
Immunity:	EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11
LVD:	EN62368-1, EN60950
Machinery Directive	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).
Ecodesign	Milleteknik's products are intended for professional use and are therefore not directly covered by the Ecodesign Regulation (EU 2019/1782). As some components may be covered, we nevertheless disclose relevant information to give our customers confidence in their choice

Denomination	Efficiency (%)[a.]	Standby consumption, typical (W):
	89%	Data in process

[a.] At rated load.

CE

Guarantee

The product has a two-year warranty for 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.[2]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.

Sinus UPS

About this information

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

Publication date 2026-07-13

[2]Costs incurred in connection with recycling are not reimbursed.