

## PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

### SIN - UPS Product sheet / technical data



### SINUS UPS name, article number and e-number

Name	Article number	E-number
SINUS 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

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 a maximum of 0.5 A.

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 fuse: 10 A.

Battery charger: T16A.

Contactor: T0.5A

### Indications and communication

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

### Battery and battery type

Two 45 Ah batteries.

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Batteries not included.

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

### 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

Electricity:	Low voltage directive: 2014/35 / EU EN 62368-1
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
LVD	EN60950



## 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 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.<sup>1</sup>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. This document is updated without notice.

<sup>1</sup>Costs incurred in connection with recycling are not reimbursed.