

## ABOUT

Name	Item number	Email number
Power supply 12V 2A	AGG 1220-B2	5269795
Power Supply 24V 1A	AGG 2410-B2	5269796
Power Supply 24V 3A	MI01000024P030	5257465
Power Supply 24V 5A	MI01000024P050	5257466

Power supply is a series of power supplies a small, durable with lockable enclosure.

The product is used when needed to convert 230 V to 12 V or 24 V, but when reserve power in the event of a power failure is not required.

- Primary switched power supply in lockable housing for fixed installation on the wall.
- One load output.
- Stabilized and filtered voltage.
- Adjustable output voltage +/- 10%.



### Read this first!

If possible, leave 100 mm of free space.

The system is intended for use in a controlled indoor environment.

Only authorized persons should install and maintain the system.

It is the installer's responsibility to ensure that the system is suitable for its intended use.

Documents accompanying the system must be kept in or in its immediate vicinity.

Ventilation should not be covered. Mains voltage should be disconnected during installation.

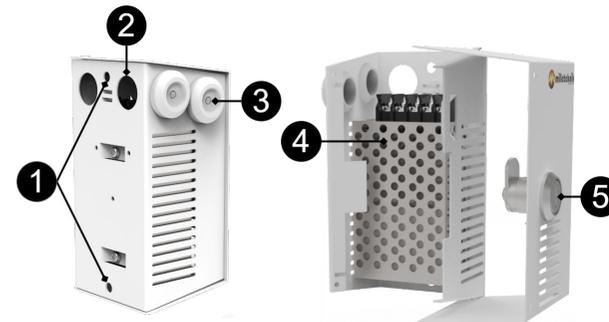
All information subject to change.

Upon installation of this product, the installer acknowledges and accepts the limitations of this product as described in this manual.

Instructions original language: Swedish.

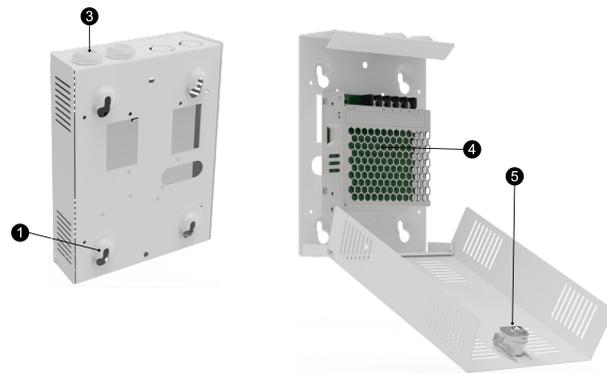
## Overview

Power supply 12V 2A and Power supply 12V 1A



12 V or 24 V power supply can fit in the smaller housing (B2).

## Power supply 24V 3A and Power supply 24V 5A

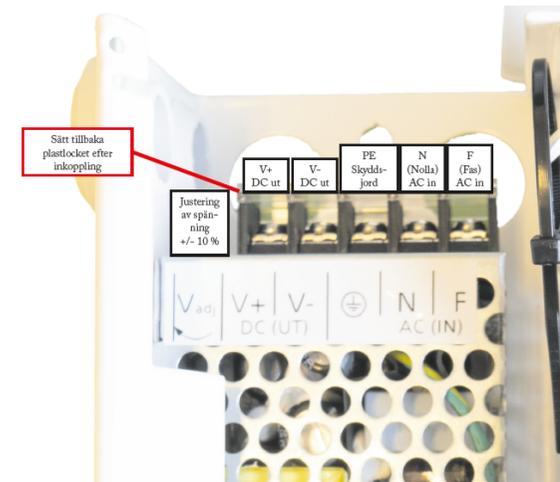


24 V power supply can fit in the slightly larger enclosure (B3).

No	Explanation
1	Screw holes for wall mounting
2	Cable entries on the back (available only on the B2 enclosure)
3	Cable entries
4	Power supply unit
5	Lock

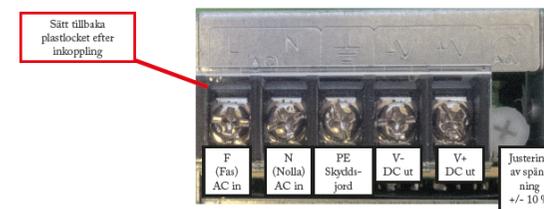
## Connections

### Power supply 12V 2A and Power Supply 24V 1A



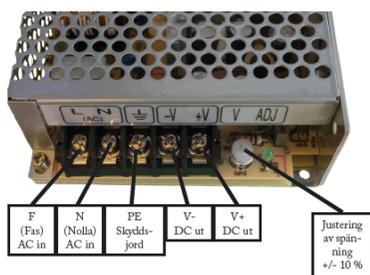
Connect voltage and load on the power supply.

### Power supply 24V 3A



Connect voltage and load on the power supply.

## Power supply 24V 5A



Connect voltage and load on the power supply.

### Technical data enclosures

#### ENCLOSURES - TECHNICAL DATA S

Info	Explanation
Name	B2
Enclosure class	IP 20
Measure	Height: 127, width: 71, depth: 61 mm
Mounting	Wall
Ambient temperature	+ 5 ° C - + 40 ° C. For best battery life: + 15 ° C to + 25 ° C.
Environment	Environmental class 1, indoors. 20% ~ 90% relative humidity
Material	Powder coated sheet
Color	White
Cable entries, number	2
Batteries that fit	1 pc 12 V 2.3 Ah or
Place for fan	No

#### ENCLOSURES - TECHNICAL DATA S

Info	Explanation
Name	B3

Info	Explanation
Enclosure class	IP 20
Measure	Height: 200, width: 146, depth: 57 mm
Mounting	Wall
Ambient temperature	+ 5 ° C - + 40 ° C. For best battery life: + 15 ° C to + 25 ° C.
Environment	Environmental class 1, indoors. 20% ~ 90% relative humidity
Material	Powder coated sheet
Color	White
Cable entries, number	2
Place for fan	No

### Power supply

#### POWER SUPPLY - TECHNICAL DATA LRS-75-12

In:	
Power supply 12V 2A	
Output voltage	13.6 V
Output voltage, ripple	120 mVp-p
Overvoltage	13.8 V - 16.2 V
Voltage recharge, ripple / current limitation	Less than 0.6 Vp-p
Efficiency	89%
Current limitation	110% - 150%
Constant voltage	+/- 1.0%
Regulatory accuracy	* / - 0.5%
Input current (230 V)	6 A
Mains voltage frequency	47 Hz- 63 Hz
Mains voltage	85 V AC - 264 V AC
Brand effect	72 W
Heat generation at 50% of rated power	+/- 0.03% / ° C
Heat generation at 80% of rated power	+/- 0.03% / ° C
<p>The power supply is adapted and calibrated with the battery / hardware of the battery backup. Only power and calibrated power supplies may be used. Contact support when changing power supplies. Use of power supplies coming from another source may cause damage not covered by the warranty. Warranty is canceled if power supplies (from a source other than support / designated by support) that are not correctly calibrated are used.</p>	

## POWER SUPPLY - TECHNICAL DATA RS-25-24

In:	
Power supply 24V 1A	
Output voltage	27.3 V
Output current	0 A - 1.1 A
Output voltage, ripple	120 mVp-p
Overvoltage	22 V - 27.64 V
Voltage recharge, ripple / current limitation	Less than 0.6 Vp-p
Efficiency	84 %
Current limitation	110% - 180%
Constant voltage	+/- 1.0%
Regulatory accuracy	* / - 0.5%
Input current (230 V)	0,4 A
Mains voltage frequency	47 Hz- 63 Hz
Mains voltage	85 V AC - 264 V AC
Brand effect	26.4 W
Temperature range	-20°C - +70°C
Humidity range	20% - 90% RH non-condensed
<p>The power supply is adapted and calibrated with the battery / hardware of the battery backup. Only power and calibrated power supplies may be used. Contact support when changing power supplies. Use of power supplies coming from another source may cause damage not covered by the warranty. Warranty is canceled if power supplies (from a source other than support / designated by support) that are not correctly calibrated are used.</p>	

## POWER SUPPLY - TECHNICAL DATA LRS-75-24

In:	
Power supply 24V 3A	
Power supply 24V 5A	
Info	Explanation
Output voltage	27.3 V
Output current	0 - 3.2 A
Output voltage, ripple	150 mVp-p
Overvoltage	28.8 V - 33.6 V
Voltage recharge, ripple / current limitation	Less than 0.6 Vp-p
Efficiency	90%
Current limitation	110% - 150%

Info	Explanation
Constant voltage	+/- 1.0%
Regulatory accuracy	* / - 0.5%
Input current (230 V)	0,85 A
Mains voltage frequency	47 Hz- 63 Hz
Mains voltage	85 V AC - 264 V AC
Brand effect	76.8 W
Temperature range	-30°C - +70°C
Humidity range	20% - 90% RH non-condensed
<p>The power supply is adapted and calibrated with the battery / hardware of the battery backup. Only power and calibrated power supplies may be used. Contact support when changing power supplies. Use of power supplies coming from another source may cause damage not covered by the warranty. Warranty is canceled if power supplies (from a source other than support / designated by support) that are not correctly calibrated are used.</p>	

## POWER SUPPLY - TECHNICAL DATA LRS-150-24

In:	
Power supply 24V 5A	
Info	Explanation
Output voltage	27.3 V
Output current:	0 A - 6.5 A
Output voltage, ripple	200 mVp-p
Overvoltage	28.8 V - 33.6 V
Voltage recharge, ripple / current limitation	Less than 0.6 Vp-p
Efficiency	89%
Current limitation	110% - 140%
Constant voltage	+/- 0.5%
Regulatory accuracy	+ / - 1.0%
Input current (230 V)	1,7 A
Mains voltage frequency	47 Hz- 63 Hz
Mains voltage	230 V AC - 240 V AC
Brand effect	156 W
Temperature range	-30°C - +70°C
Humidity range	20% - 90% RH non-condensed
<p>The power supply is adapted and calibrated with the battery / hardware of the battery backup. Only power and calibrated power supplies may be used. Contact support when changing power supplies. Use of power supplies coming from another source may cause damage not covered by the warranty. Warranty is canceled if power supplies (from a source other than support / designated by support) that are not correctly calibrated are used.</p>	

## Warranty, support, country of manufacture and country of origin

### WARRANTY

The product has a two-year warranty, from the date of purchase (unless otherwise agreed). Support during the warranty period can be reached at support@milleteknik.se or telephone, +46 31-34 00 230. Compensation for travel and / or working hours in connection with locating faults, installing repaired or replaced goods is not included in the warranty. Contact Milleteknik for more information. Milleteknik provides support during the product's lifetime, however, no later than 10 years after the date of purchase. Switching to an equivalent product may occur if Milleteknik deems that repair is not possible. Support costs may (at Milleteknik's discretion) occur after the warranty period has expired.

### COUNTRY OF MANUFACTURE

Country of manufacture / country of origin is Sweden. For more information, contact your seller.

### COUNTRY OF MANUFACTURE - CHINA

Country of manufacture / country of origin is China. For more information, contact your seller.

### DESIGNED AND PRODUCED BY: MILLETEKNIK AB

Designed and produced by Milleteknik AB

### About this document

Article number of the document:

This document is subject to change without prior notice.

All information is published with reservation for printing errors.

## ABOUT TRANSLATION OF THIS DOCUMENT

User manual and other documents are in the original language in Swedish. Other languages are machine translated and not reviewed, errors may occur.

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