EN

Battery Panel 24V / Battery Panel 48V

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1. TECHNICAL SPECIFICATIONS: BATTERY PANEL 24V / BATTERY PANEL 48V

Battery connection panel 24 V / 48 V for connection of four FT (front terminal) batteries.

The Battery Panel makes the connection between the power supply mounted in a 19" rack cabinet and batteries simple and smooth. Weekly tests of batteries and alarms for aged batteries. The Battery Panel is available in configurations for 24 V – 48 V and for 125 Ah batteries up to 300 Ah batteries. Supplied with cabling for FT-batteries, (front terminal) and cabling for power supply. The power supply must be made by Milleteknik. The product is mounted in 19" rack cabinets and is compatible with power supplies for mounting in 19" rack cabinets, such as EN54 24V 15A 1U. It is also possible to use the Battery Panel with a power supply in the NEO, NOVA or EN54-FLX M series, but then an adapter is needed: Adapter FLX to Battery shelves.

SAFETY - RISK OF ACCESSING THE BATTERY TERMINALS

- The product must be installed in a locked and protected indoor environment. Risk of access to battery terminals
- Only authorized persons should install and maintain the system.
- It is the installer's responsibility that the system is suitable for intended use.
- Documents accompanying the system must be stored in it or in its immediate vicinity.
- Mains voltage should be disconnected during installation.

1.1. Installation in 19" rack

The unit must be mounted in a 19" rack. Bracket is screwed into rack with M6 screw and basket nut, at least one on each side. Use the appropriate screw and nut for the rack. Screw and nut not included.

No .	Explanation
1	The unit is screwed into a 19" rack.

1.2. Overview and connecting batteries

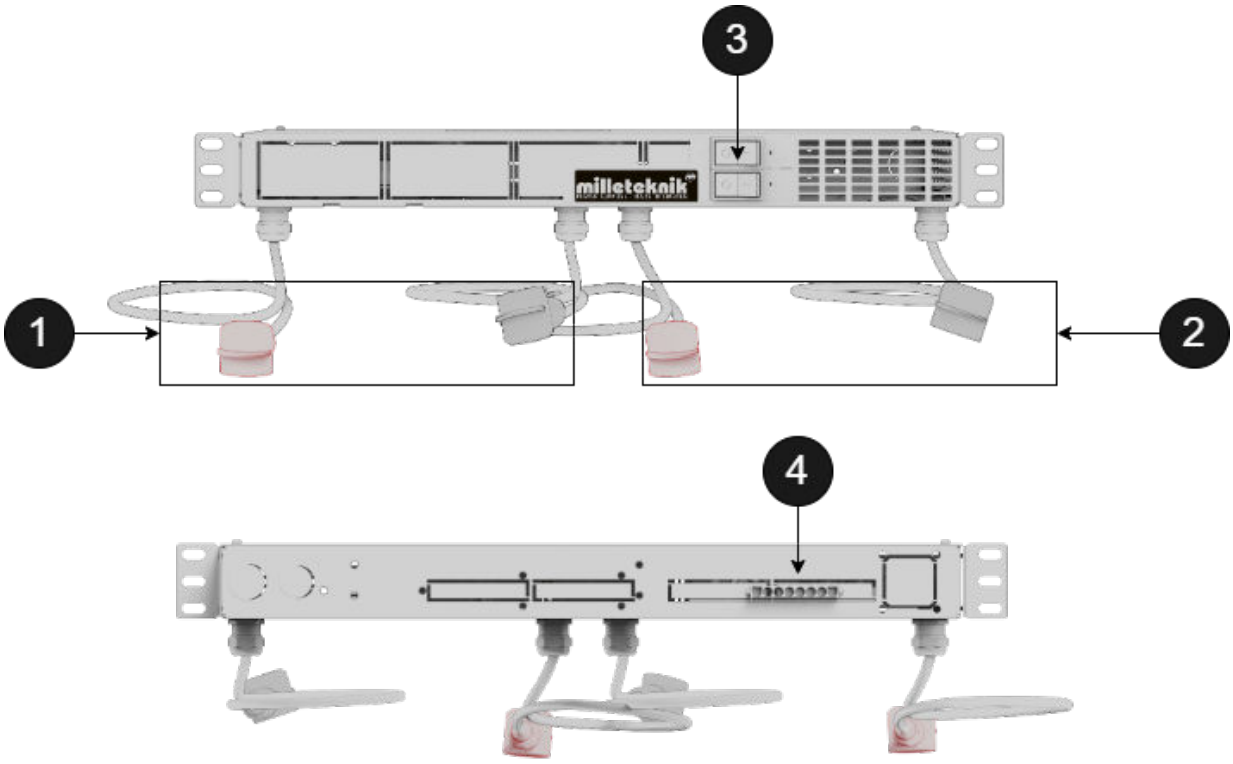

Table 1. Overview

No	Explanation
1	Connection to battery 1.
2	Connection to battery 2.
3	Battery fuse 1-2.
4	Battery backup connection.

1. Connect batteries - risk of short circuit, connect the poles correctly. Red = + and black = -.
2. Connect power supply.
3. Turn on battery fuse.
4. Set power supply in operating mode.

1.3. Technical data

Technical data	Item number	E-number (sv)	Product description
Battery panel 24V	3U010000024BP01	5213524	Battery connection panel 24V for connecting front terminal batteries. Finished cables for the batteries and finished cable for connection to the battery backup. The product must be mounted in a rack. Max battery capacity: 150 Ah. This configuration cannot do weekly tests of batteries or reset alarms for aged batteries.
Battery panel 24V-125	3U010000024BP01-125	5213548	Battery connection panel 24 V for connecting front terminal batteries. Supplied with power resistor intended for a battery pack if total 125 Ah. Power resistors are needed for weekly tests of batteries and feedback of alarms for aged batteries. Finished cables for the batteries and finished cable for connection to the battery backup. The product must be mounted in a rack. Max battery capacity: 125 Ah.
Battery panel 24V-200	3U010000024BP01-200	5213549	Battery connection panel 24 V for connecting front terminal batteries. Supplied with power resistor intended for a battery pack if total 200 Ah. Power resistors are needed for weekly tests of batteries and feedback of alarms for aged batteries. Finished cables for the batteries and finished cable for connection to the battery backup. The product must be mounted in a rack. Max battery capacity: 200 Ah.
Battery panel 24V-300	3U010000024BP01-300	5213550	Battery connection panel 24 V for connecting front terminal batteries. Supplied with power resistor intended for a battery pack if total 300Ah. Power resistors are needed for weekly tests of batteries and feedback of alarms for aged batteries. Finished cables for the batteries and finished cable for connection to the battery backup. The product must be mounted in a rack. Max battery capacity: 300 Ah.
Battery panel 48V	3U010000048BP01	5213559	Battery connection panel 48 V for connecting front terminal batteries. Finished cables for the batteries and finished cable for connection to the battery backup. The product must be mounted in a rack. Max battery capacity: 150 Ah. This configuration cannot do weekly tests of batteries or reset alarms for aged batteries.

Technical data	
Recommended environment	Environmental class 1, Indoor, 20% ~ 90% relative humidity
The products meet the requirements according to	EMC Directive 2014/30EU, Low Voltage directive: 2014/35/EU CE directive according to 765/2008, Emission: EN61000-6-:2001, EN55022:1998:-A1:2000, A2:2003 Class B, EN61000-3 -2:2001. Immunity: EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11.
Guarantee	2 years
Manufacturer	Milleteknik AB
Country of origin	Sweden

Manual article number: 350-077 . Product data sheet no: N/A. This translation is not verified and should be cross referenced with the swedish original before use.

This document is subject to change without notice.

All information is published subject to typographical errors.

This translation is not verified and should be cross referenced with the swedish original before use.

1.3.1. 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.

1.4. Address and contact details

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