

## Product Overview

### Central 48/54 VDC Power Supplies



## Description

The use of a central 48/54 VDC power supply compared to decentred separate power supplies has many advantages. First of all it is more economical. Due to the exact dimensioning and scaling these systems are more energy efficient and distinguish themselves by a very low power consumption. It is also very easy to implement redundancy with the central solutions and to use a battery back up (UPS). MICROSENS offers a very compact solution with a high power density which requires a minimum of space only.

Thanks to the wide operating temperature range of -35 to +60 °C an expensive air conditioning is not necessary. The power management of the Micro Switches interacts optimally with the central power supplies. The total power consumption is monitored permanently and an overload by wrong or faulty end devices is avoided. The entry model consists of three compact rectifier modules with 850 W each that are combined in 1U chassis to a total power of 2550W. The next larger model is 2U device with a max. power of 5100 W, which consists of six rectifier modules with 850 W each.

## Properties

- Extreme high power density and therefore low space requirement
- Versions from 850W up to 2550W
- High efficiency up to 95,2%
- DC output with temperature controlled powerful characteristic
- Wide operating temperature range: -36 to + 60 °C
- Easy installation, commissioning and upgrades
- LCD display for current, voltage and temperature
- Configuration and Monitoring via webbrowser

## Order Information

Description	Article Number
19" AC/DC Power Supply 1HE, 3 Slots for 850W/54VDC Rectifier, equipped with 2x 850W/54VDC Rectifier, 6x 6 separately fused DC outputs, 2x battery inputs, incl. management controller	<b>MS700871</b>
19" AC/DC Power Supply 1HE, 3 Slots for 850W/54VDC Rectifier, equipped with 1x 850W/54VDC Rectifier, 6x 6 separately fused DC outputs, 2x battery inputs, incl. management controller	<b>MS700872</b>
19" AC/DC Power Supply 1HE, 3 Slots for 850W/54VDC Rectifier, equipped with 3x 850W/54VDC Rectifier, 6x 6 separately fused DC outputs, 2x battery inputs, incl. management controller	<b>MS700783</b>
850W Rectifier Module 54VDC for MS700871..73	<b>MS700870-R850W</b>

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