VARIODYN ONE

Power Supply Unit – PSU

APPLICATION

The PSU (Power Supply Unit) is intended to be used as a backup power supply for the VARIODYN® ONE system components in a rack in case of mains AC power failure.

VARIODYN ONE offers two different power supplies to choose from depending on what meets your project requirement. All our Power supplies are certified according to EN54-4/A2

Two Power Supplies to choose from as per your requirement are:

PSU-24V/190A
Power Supply 1U – 24VDC, 190A.

PSU-24V/380A
Power Supply 2U – 24VDC. 380A.



PSU-24 V/186 A - 585050



PSU-24 V/372 A - 585051

FEATURES AND BENEFITS

- Constant monitoring of fuses
- Monitoring of battery charge power
- Monitoring of battery charge status
- LED indications for mains, battery, consumer load
- LCD display for power supply parameters and status
- Temperature sensor
- Potential-free contacts for transmission of fault messages
- 8 individually fused outputs for amplifier
- 2 fused outputs for control devices
- Battery capacity of up to 2 x 2 x 12 V / 150 Ah or 4 x 2 x 12 V / 150 Ah
- Maximum output current of 190A/ 380A in case of emergency power supply

PSU SPECIFICATION

TYPE	PSU 24 V/186 A (PART NO. 585050/-24)	PSU 24 V/372 A (PART NO. 585051/-25)
Rated voltage	230 V AC	230 V AC
Output voltage	24 V DC	24 V DC
Output current (idle)	16 A + 2 A	32 A + 4 A
	Battery charging current + constant current for external consumers	
Output current (alarm)	max. 186 A	max. 372 A
Weight	5,2 kg	8,5 kg
Dimensions (W x H x D)	483 x 45 x 328 mm (1 HU)	483 x 90 x 328 mm (2 HU)
Specification	EN 54-4:1997/A1:2002/A2:20061438 - CPR - 0319	
CE certificate		

ORDER INFORMATION

MODEL NAME	PART NO.	DESCRIPTION	STANDARD HEIGHT
PSU-24 V/186 A	585050	Battery charging capacity of up to 320 Ah	1 HU
PSU-24 V/372 A	585051	Battery charging capacity of up to 640 Ah	2 HU

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