VPS-1-360A



Part-No.:585052
Approval: EN 54-16

VPS-1-360A power supply is demanded to operate with voice alarm systems (VAS) as battery charger and supervision system for external batteries providing backup voltage 24 VDC, according to the standards EN 54-4 + A1 + A2. It provides 6 power outputs dedicated to the amplifier connection (3 x 75A + 3 x 40A) and 4 auxiliary outputs for the connection of central units or other loads. This design allows for flexible selection of power supplies depending on the requirements of a given VAS system: number of batteries, number of outputs for amplifiers and additional outputs. By equipping all current outputs of the power supplies with internal blade fuses, it is short-circuit proof and its status is monitored by an LED assigned to each output. A special terminal has been derived for each of the batteries, allowing automatic voltage equalization between both batteries connected in series. It occupies 1 unit rack. Weight: 5,3 Kg

Features:

- Space saving solution
- Great battery capacity, up to 400 Ah
- EN54-4 certified
- USB digital communication
- Simple and convenient installation
- Optimally matched to the VARIODYN ONE voice alarm system

Technical Data

Power Input	230 / 115 V 50 / 60 Hz
Overcurrent protection at the OUT outputs	3 x 75 A, 3 x 40 A
Max total number of power amplifiers	3 x 2000 W, 3 x 1000 W
Overcurrent protection at the AUX outputs	2 x 8 A, 2 x 4 A
Max total current at the AUX outputs	15A

Battery Operation

Max number of battery banks @ 24V	2
Floating voltage @ 25°C	27,1 V
Max total capacity of the external battery for 230V/115VAC	400 / 350 Ah
Max charging current for 230V/115VAC	18 / 15 A
Max resistance of a single battery circuit	65 mΩ
Dimensions (H x W x D) [mm]	43 x 483 x 336 mm
Weight	5,3 Kg

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