

The Cameleon Box power supplies units are a source of uninterruptible 12V, 24V or 48V constant voltage and dedicated for devices with power up to 300W.

They are made in the form of boxes which are intended for hanging on the wall. There is a space inside the cabinets for installation of batteries.

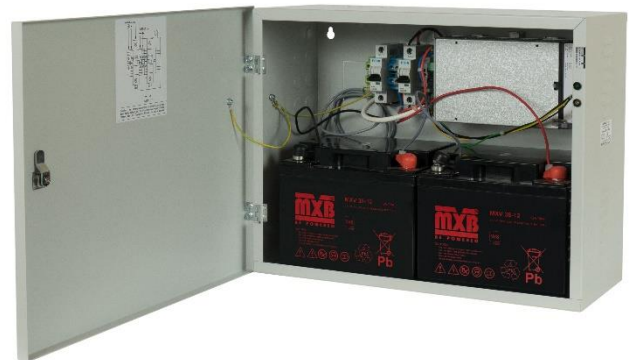


SCOPE OF USE

- power engineering
- telecommunication
- railways industry
- access control and security systems
- guaranteed power supply systems
- electronics and industrial automation

CHARACTERISTIC FEATURES

- 230Vac, 220Vdc supply voltages
- output power up to 300W
- made in the form of a hanging cabinet
- LEDs indicating operating states (MAINS, BATTERY)
- cabinets equipped with three cable glands for cable entry
- cabinets with protected space for internal batteries
- signalling of a remote damage collective alarm, including high battery resistance (optional)



EQUIPMENT

- LED traffic light unit of PSU status
- overload protection of output circuits and batteries
- internal deep discharge switch
- screw terminals for outputs and batteries
- internal temperature probe

COMPLIANCE WITH EU SAFETY REQUIREMENTS

The Power Supplies comply with the following standards:

- 2014/35/EU [LVD] *Low voltage electrical devices*
- 2014/30/EU [EMC] *EMC Compatibility*,
- 2011/65/EU [RoHS 2] *Requirements for the restriction of the use of certain hazardous substances.*

BASIC PARAMETERS OF SOURCING UNITS

Power	
Frequency	47..53 Hz
Power factor	0,95**
Supply voltages	184...230...253 Vac 165...220...297 Vdc*
General	
Efficiency	max 87%
Operating temperature range	-25...+50°C
Ingress protection EN 60529	IP42

* - units 12V/10A, 24V/6A, 48V/3A operate from DC voltage 187÷297Vdc

** - does not apply to power supplies with 12V/10A, 24V/6A, 48V/3A

TABLE OF VARIANTS

Unit index	Output voltage	Maximal output current	Batteries	Box dimensions [mm]
ZMS-1-12V10A	12V	10A	max 36 Ah*	395 x 356 x 96
ZMS-1-12V16A		16A		
ZMS-3-12V10A		10A	max 80 Ah*	
ZMS-3-12V16A		16A		
ZMS-1-24V6A	24V	6A	18 Ah	395 x 356 x 96
ZMS-1-24V12A		12A		
ZMS-3-24V6A		6A	40 Ah	
ZMS-3-24V12A		12A		
ZMS-1-48V3A	48V	3A	5 Ah	395 x 356 x 96
ZMS-1-48V6A		6A		
ZMS-3-48V3A		3A	18 Ah	
ZMS-3-48V6A		6A		

* - refers to the maximum possible battery capacity
(for 12V versions it is possible to connect devices in parallel)

Exemplary order:

Power supply ZMS-1-12V16A – 1 Unit

Batteries 12V/18Ah - 2 Unit

MANUFACTURER

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