

The ZSP100 power supplies are a source of uninterruptible 24V voltage to the devices of:

- fire indication according to the standard EN 54-4 + A1 + A2
- heat and smoke control according to the standard EN 12101-10:2007
- fire protection acc. to Ordinance of the Polish Minister of the Internal Affairs and Administration of 20 June 2007 (Journal of Laws No. 143, pos. 1002, as amended of 27 April 2010 Journal of Laws No. 85, pos. 553)



The internal power modules ZSPM-75 and ZSPM-150 hold the Certificate of constancy of parameters according to CNBOP 1438-CPR-0486, which enables to provide power to the systems requiring a certified power source. The requirements of EN 54-4 are met if the cabinet including the ZSP100R power supply has a protection degree of at least IP30.



MAIN FEATURES

- high efficiency under load and low power consumption for own needs
- two outputs, protected separately with fuses
- possibility to connect a module with additional outputs
- bulk charging with current limitation suitable for battery capacity
- temperature compensation of floating operation voltage and bulk charging
- LVD
- battery circuit resistance measurement
- immunity against short circuit of battery input
- immunity to reverse battery polarity connection
- two relay indication outputs – each with a set of 3 contacts
- external alarm input
- wide range of working temperatures

EQUIPMENT

- metal 2U high cassette, holding a battery bank (for batteries of over 20Ah it is necessary to use external cassette)
- LED indication of the operation of the power supply: mains and fault
- remote indication: mains fault and general fault (three relay contacts for each)
- overloading protection of output and battery circuits
- internal LVD
- external alarm input
- temperature sensor
- additional LED indication inside the power supply - for diagnostic purposes

COMPLIANCE WITH SAFETY REQUIREMENTS, DIRECTIVES, EU REGULATIONS

- 2014/35/UE [LVD] Low voltage electrical devices.
- 2014/30/UE [EMC] EMC Compatibility.
- 305/2011 UE [CPR] Harmonised conditions for marketing of construction products.
- 2011/65/UE [RoHS 2] Requirements for the restriction of the use of certain hazardous substances.

