



Certificate
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Approval
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ZSP100

Power supplies for fire protection systems

Intended use:

- fire alarm systems
- smoke and heat control systems
- fire protection and fire automation systems

Version	Maximum output current I _{max b}	Nominal output current I _{max a}	Maximum battery capacity	Dimensions (W × H × D) [mm]
ZSP100-1.5A-07	1.5 A	1.1 A	2 × 12 V 9 Ah	340 × 250 × 80
ZSP100-1.5A-18	1.5 A	0.7 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-2.5A-07	2.5 A	2.1 A	2 × 12 V 9 Ah	340 × 250 × 80
ZSP100-2.5A-18	2.5 A	1.7 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-4.0A-07	4.0 A	3.6 A	2 × 12 V 9 Ah	340 × 250 × 80
ZSP100-4.0A-18	4.0 A	3.2 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-4.0A-40	4.0 A	2.3 A	2 × 12 V 45 Ah	455 × 356 × 186
ZSP100-5.5A-07	5.5 A	5.1 A	2 × 12 V 9 Ah	340 × 250 × 80
ZSP100-5.5A-18	5.5 A	4.7 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-5.5A-40	5.5 A	3.8 A	2 × 12 V 45 Ah	455 × 356 × 186
ZSP100-7.5A-18	7.5 A	6.6 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-7.5A-40	7.5 A	5.6 A	2 × 12 V 45 Ah	455 × 356 × 186
ZSP100-7.5A-75	7.5 A	4.3 A	2 × 12 V 75 Ah	555 × 406 × 187
ZSP100-10A-18	10 A	9.1 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-10A-40	10 A	8.1 A	2 × 12 V 45 Ah	455 × 356 × 186
ZSP100-10A-75	10 A	6.8 A	2 × 12 V 75 Ah	555 × 406 × 187
ZSP100-12A-18	12 A	11.1 A	2 × 12 V 20 Ah	395 × 356 × 96
ZSP100-12A-40	12 A	10.1 A	2 × 12 V 45 Ah	455 × 356 × 186
ZSP100-12A-75	12 A	8.8 A	2 × 12 V 75 Ah	555 × 406 × 187

Compliance with requirements

- EN 54-4:1997 + A1:2002 + A2:2006
- EN 12101-10:2005
- Directives: LVD, EMC, RoHS
- CPR Regulation
- Regulation of the Minister of the Interior and Administration of 20.06.2007, Dz. U. (Journal of Laws) No. 143, item 1002 (as amended on 27.04.2010)

Features:

- compliance with multiple normative documents – one power supply type can be used in various fire protection devices
- high performance under load and low quiescent current
- wide range of supply voltages: 93 ... 253 Vac
- two or five independent, fuse-protected outputs
- number of outputs can be increased after (optional) installation of one or two additional output modules inside the power supply
- visual and relay signalization
- RS232 / 485 communication interface
- external alarm input
- internal deep discharge disconnect device
- internal temperature probe for temperature compensation of battery charging
- battery input resistant to short-circuiting and reverse battery connection

Accessories

- **ZSP100-OUT6** Module intended for increasing the number of separately protected power supply outputs.

