

LOGO!Power

Flat power supply for distribution boards



Technical data	54 mm design				72 mm design				90 mm design
Output voltage / current	5 V/3 A	12 V/1.9 A	15 V/1.9 A	24 V/1.3 A	5 V/6.3 A	12 V/4.5 A	15 V/4 A	24 V/2.5 A	24 V/4 A
Order No.	6EP1311-1SH03	6EP1321-1SH03	6EP1351-1SH03	6EP1331-1SH03	6EP1311-1SH13	6EP1322-1SH03	6EP1352-1SH03	6EP1332-1SH43	6EP1332-1SH52
Rated input voltage – Range	100–240 V AC 85...264 V AC/110...300 V DC				100–240 V AC 85...264 V AC/110...300 V DC				100–240 V AC 85...264 V AC/ 110...300 V DC
Mains buffering	> 40 ms (at 187 V)				> 40 ms (at 187 V)				> 40 ms (at 187 V)
Rated line frequency	50/60 Hz				50/60 Hz				50/60 Hz
Rated input current – Inrush current (25 °C) – Recommended miniature circuit breaker	0.36–0.22 A < 26 A 10 A characteristic C resp. 16 A characteristic B	0.53–0.30 A < 25 A	0.63–0.33 A < 25 A	0.70–0.35 A < 25 A	0.71–0.37 A < 50 A 10 A characteristic C resp. 16 A characteristic B	1.13–0.61 A < 55 A	1.24–0.68 A < 55 A	1.22–0.66 A < 46 A	1.95–0.97 A < 30 A 10 A char. C resp. 16 A char. B
Rated output voltage – Tolerance – Setting range	5 V DC ± 3 % 4.6...5.4 V DC	12 V DC 10.5...16.1 V DC	15 V DC 10.5...16.1 V DC	24 V DC 22.2...26.4 V DC	5 V DC ± 3 % 4.6...5.4 V DC	12 V DC 10.5...16.1 V DC	15 V DC 10.5...16.1 V DC	24 V DC 22.2...26.4 V DC	24 V DC ± 3 % 22.2...26.4 V DC
Output current – rated value – Derating	3.0 A from +55 °C (2%/K)	1.9 A from +55 °C (2%/K)	1.9 A from +55 °C (2%/K)	1.3 A from +55 °C (2%/K)	6.3 A from +55 °C (2%/K)	4.5 A from +55 °C (2%/K)	4.0 A from +55 °C (2%/K)	2.5 A from +55 °C (2%/K)	4.0 A from +55 °C (2%/K)
Efficiency at rated values, approx.	77 %	80 %	80 %	85 %	83 %	85 %	85 %	88 %	89 %
No-load loss	< 1.5 W	< 1.8 W	< 2 W	< 2 W	< 1.5 W	< 1.9 W	< 2.3 W	< 1.8 W	< 2 W
Parallel switching	Yes				Yes				Yes
Electronic short-circuit protection	Yes, constant current				Yes, constant current				Yes, constant current
Radio interference suppression (EN 55022)	Class B				Class B				Class B
Supply harmonics limitation (EN 61000-3-2)	Not applicable				Not applicable				Yes
Degree of protection (EN 60529)	IP20				IP20				IP20
Ambient temperature	–20...+70 °C				–20...+70 °C				–20...+70 °C
Dimensions (WxHxD) in mm	54 x 90 x 55				72 x 90 x 55				90 x 90 x 55
Weight approx.	0.17 kg				0.25 kg				0.34 kg
Certification	CE, cULus, FM, GL, ATEX	CE, cULus, FM, GL, ABS, ATEX	CE, cULus, FM, GL, ATEX	CE, cULus, FM, GL, ABS, ATEX, SEMI F47, NEC Class 2	CE, cULus, FM, GL, ATEX	CE, cULus, FM, GL, ABS, ATEX	CE, cULus, FM, GL, ATEX	CE, cULus, FM, GL, ABS, ATEX, SEMI F47, NEC Class 2	CE, cULus, FM, GL, ABS, ATEX

Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)