

Switchmode Power Supply

GPP 18

Conforms to IEC 60950

18 Watts



GPP 18

Applications

- Audio
- Bluetooth/WLAN
- Digital camera
- Communication accessories
- Measurement and weighing technology
- MPEG Player
- Modems DSL, ADSL, VDSL
- PDA
- Safety technology

Characteristics

- Universal input 100 to 240 V AC
- Constant voltage, current limited
- Low leakage current $\leq 10 \mu\text{A}$
- Low standby power $\leq 0.5 \text{ Watt}$
- Continuously short circuit proof

Technical data

Input voltage

100 to 240 V AC ($\pm 10\%$)

Input current

400 mA

Frequency

50 to 60 Hz

Efficiency

80 % typ. at full load

EMC

Conforms to EN 55011, EN 55014, EN 55022/B, FCC 47 part 15, EN 61000-3-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

Output voltage tolerance

+ 5%, -7%

Environmental specification

Operating temp.

0 to 40°C at maximum load

Storage temp.

-40 to 70°C

Humidity

5% to 95% non condensing

Input transient susceptibility

Complies with IEC 61000 requirements

Safety specification

Standards

Fulfils Class II SELV for the following applications: EN 60950/IEC 60950, UL 60950, CSA 950 (cUL), VDE, CE label

Reliability specification

MTBF calculation

200,000 hours at maximum load levels and an ambient temperature of 25°C (in accordance with MIL-HDBK-217)

Mechanical specification

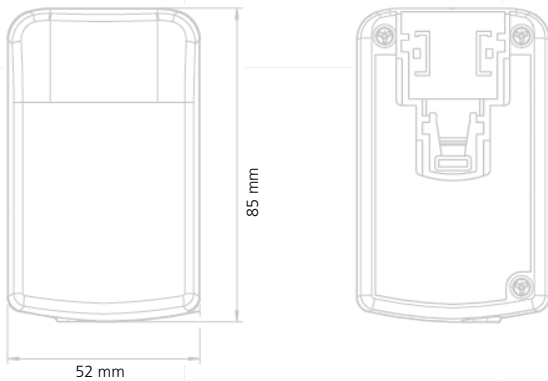
Weight approx.

170 g

Plug connector

AC input: FRIWO exchangeable mains plug system: EURO, UK, USA/Japan, Australia, IEC

DC output: Universal output plug system



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available at Q1 2008

For primary adapters see page 36

Output data			Worldwide
Voltage	Current	Ripple Volt.	Order No.
5 V	3000 mA	75 mV pp	1828724
6 V	2500 mA	75 mV pp	1828725
7.5 V	2000 mA	75 mV pp	1828726
9 V	1800 mA	90 mV pp	1828727
12 V	1500 mA	100 mV pp	1828728
15 V	1200 mA	100 mV pp	1828729
18 V	1000 mA	180 mV pp	1828730
24 V	750 mA	180 mV pp	1828731