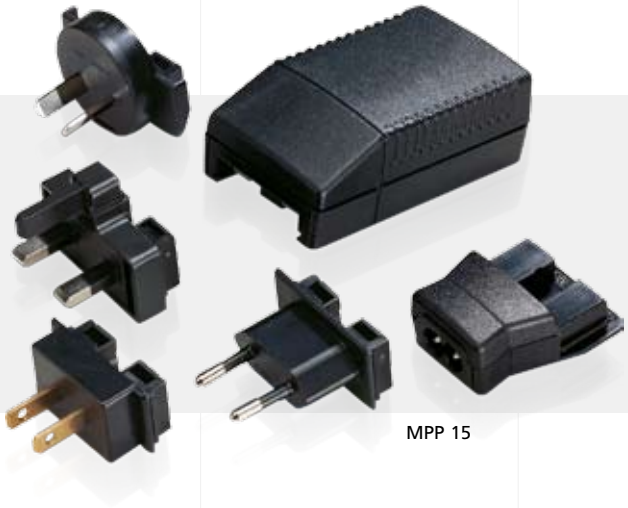
Switchmode Power Supply

MPP 15

Conforms to IEC 60950

Worldwide Distributor of Connectors... Assembled in 48 Hours.
USA/Canada: 1-800-642-8750 • www.PeiGenesis.com
UK: +44 (0) 844 871 6060 • Eur/Ger: +49 (0) 7181 48 78 0
PEI-Genesis

15 Watts



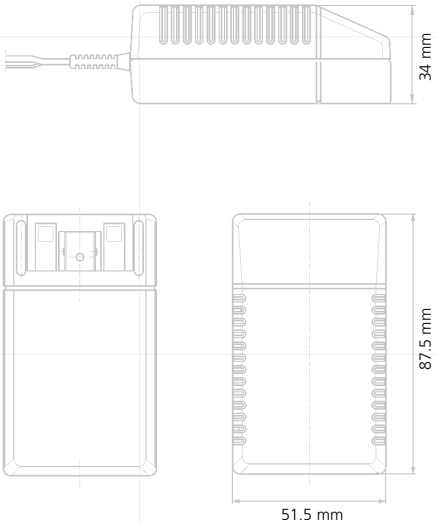
MPP 15

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 ≤ 10 µA
- Low standby power ≤ 0.5 Watt
- Continuously short circuit proof



MPP 15

Technical data

Input voltage	100 to 240 V AC (± 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%

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.	160 g
Plug connector	AC input: FRIWO exchangeable mains plug system: EURO, UK, USA/Japan, Australia, IEC DC output: Universal output plug system

For primary adapters see page 36

Output data			Worldwide
Voltage	Current	Ripple Volt.	Order No.
3 V	**2500 mA**	**45 mV pp**	**1812102**
5 V	**2400 mA**	**75 mV pp**	**1812037**
6 V	**2100 mA**	**75 mV pp**	**1812036**
7.5 V	**1700 mA**	**75 mV pp**	**1812038**
9 V	**1500 mA**	**90 mV pp**	**1811970**
12 V	**1250 mA**	**120 mV pp**	**1811971**
15 V	**1000 mA**	**150 mV pp**	**1812039**
18 V	**840 mA**	**180 mV pp**	**1812040**
24 V	**625 mA**	**240 mV pp**	**1812041**