

Switchmode Power Supply PP 8 Medical

Conforms to IEC 60601-1

8 Watt

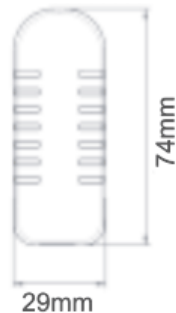
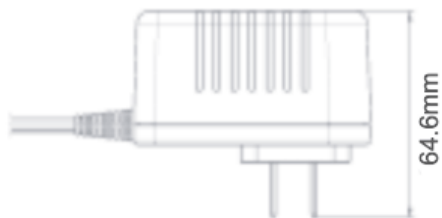


Applications

Bllood Analyzer
Patient Monitors
Measuring equipment
Laboratory equipment
Hospital equipment

Characteristics

Universal Input 100 - 240 Vac
EMC Conformity
High Performance
Constant Voltage, Current Limited
Light weight, compact size
Low Leakage Current <math><10\mu\text{A}</math>
Low Standby Power ≤ 0.3 Watt



PP8 Medical US

Technical Data

Input Voltage 100 Vac - 240 Vac
Input Current 0.17A at 115Vac/0.08A at 230Vac
Frequency 50 - 60 Hz
Efficiency 70% typ. at full load
EMC norm Conforms to FCC, CISPR 22, EN 55022,
class B IEC 61000-4-3; IEC 61000-4-6
Output Voltage Tolerance $\pm 5\%$

Environmental Specification

Operating Temp. 0°C to 40°C at maximum load
Storage Temp. -40°C to 85°C
Humidity 5% to 95% non condensing
Input Transient Susceptibility Complies with IEC 61000 requirements

Safety Specification

Standards Fulfills Class II SELV for the following applications: IEC 60601, UL 60601, VDE, CE mark

Reliability Specification

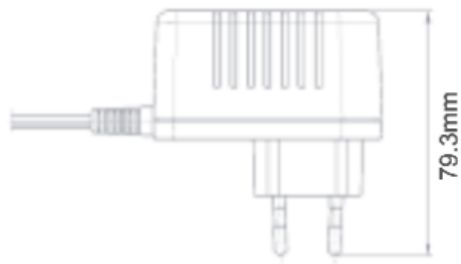
MTBF calculation 200,000 hours at maximum load levels and an ambient temperature of 25°C (in accordance to MIL-HDBK-217)

Mechanical Specification

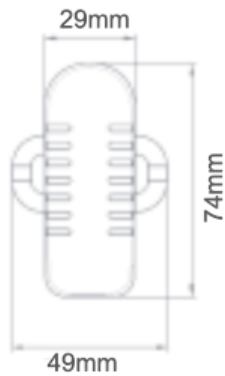
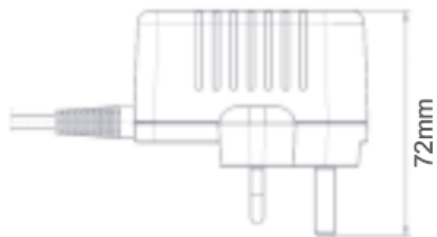
Weight 70 g
Plug Connector Input: Mains plugs are available for the following regions: USA, UK, Euro
Output: Universal output plug system

World Exclusive

Medical power supplies 100 - 240 V input voltage without earthing, leakage current <math><10\mu\text{A}</math>



PP8 Medical Euro



PP8 Medical UK

Output Data				US		Euro		UK	
Voltage	Current	Ripple	Family	Part No.	Order No.	Part No.	Order No.	Part No.	Order No.
3V	1700mA	240mVpp	FW7362M	15.1622	1819730	15.1620	1819728	15.1621	1819729
5V	1300mA	240mVpp	FW7362M	15.1567	1814918	15.1504	1883631	15.1559	1814910
6V	1150mA	240mVpp	FW7362M	15.1568	1814919	15.1505	1883632	15.1560	1814911
7.5V	900mA	240mVpp	FW7362M	15.1569	1814920	15.1506	1883633	15.1561	1814912
9V	800mA	240mVpp	FW7362M	15.1570	1814921	15.1507	1883634	15.1562	1814913
12V	700mA	240mVpp	FW7362M	15.1571	1814922	15.1508	1883635	15.1563	1814914
15V	530mA	240mVpp	FW7362M	15.1572	1814923	15.1509	1883636	15.1564	1814915
18V	440mA	240mVpp	FW7362M	15.1573	1814924	15.1510	1883637	15.1565	1814916
24V	330mA	240mVpp	FW7362M	15.1574	1814925	15.1511	1883638	15.1566	1814917