



医疗等级适配器 (Medical grade adapter)

GPE012M

医疗设备用适配器 (Medical equipment adaoter)

主要特性:
(Highlights)



- 适用于医疗
(For Medical Application)
- 插墙式
(Wall plug-in type)
- 最大输出功率12W
(Output up to 12W)
- 可换插头AC输入
(Interchangeable AC blades)
- 能效等级 VI
(DOE Level VI)
- 90VAC~264VAC全范围输入电压
(Universal 90VAC~264VAC Input)
- 过压过载保护
(OCP,OVP)
- 平均无故障时间大于10万小时
(>100kHour MTBF)
- 2MOPP绝缘等级
(2MOPP Isolation)
- 固定输出线
(Fixed DC cord)
- 海拔5000米以上
(Elevation)

Product Specifications

型号 (Part number)	/
额定输出电压 (Rated output voltage)	5.0V-24V
额定输出电流 (Rated output current)	0.1-2.0A
额定输出功率 (Rated output power)	12W
输出电压总调整率 (Adjustment output voltage)	5%
输出纹波与噪声 (Output ripple and noise)	<240mV
输入电压范围 (Output voltage range)	90VAC~264VAC
输入电流 (Input current)	<1.0A
平均效率 (Average efficiency)	符合VI标准
输入浪涌电流 (Input inrush current)	<60A
工作温度范围 (Operating temperature range)	-0 to +40°C
标称寿命 (Nominal life)	1年(1 Years)
尺寸 (Size)	53L*74.3W*29H(mm)
输入类型 (Output type)	各国 AC插头 (Interchangeable AC blades)
漏电流 (Leakage current)	正常工作条件小于100uA, 单一失效条件下小于300uA (<100uA @ Noemal Condition,<300uA @ Single Fault Condition)

应用场景 (APPLY TO)

适用于射频美容仪,脑部次级训练仪,生发仪,家用呼吸机,激光治疗仪,根管治疗仪,睡眠检测仪,胎心检测仪,冲击波治疗仪,中医理疗仪,雾化器等设备.
suitable for rf beauty instrument,brain secondary training instrument,hair growth instrument,household ventilators,laser therapeutic instuments,ar canal therapy instruments.Sleep detector,fetal heart detector,shock wave therapeutic instrument,traditional Chinese medicine physiotherapy instr atomizerand and other equipment.

Safety

保护 (Protection)

过载 (Overload)	110-200% rated output power, auto recovery
过电压 (Over Voltage)	120-150% rated output voltage input to reset
短路 (Short Circuit)	Trip and restart (hiccup mode)

安全认证 (Safety Approvals)

安全机构 (Safety Agency) / 标记 (Mark)	医疗 (Medical)
CB	IEC60601-1/60601-1-11
UL/ETL	ANSI/AAMI ES60601-1/60601-1-11 CAN/CSA-C22.2 NO. 60601-1
CE/GS	EN 60601-1
UKCA	BS EN60601-1
SAA	AS/NZS 61010-1
CCC	GB9706.1

电磁兼容性 (EMC)

传导及辐射电磁骚扰 (Emissions)	医疗 (Medical)
传导干扰 (Conducted)	IEC/EN 60601-1-2, CISPR 11, (YY 9706, CCC) (FCC PART 18, FCC)
辐射干扰 (Radiated)	IEC/EN 60601-1-2, CISPR 11 (YY 9706, CCC) (FCC PART 18, FCC)
谐波电流 (Harmonic Currents)	EN61000-3-2, Class A
电压闪变 (Voltage Flicker)	EN61000-3-3
抗干扰度 (Immunity)	ICE/EN 60601-1-2
防静电 (ESD)	EN61000-4-2 ±15kV air, ±8kV contact
辐射免疫 (Radiated Immunity)	EN61000-4-3 10V/m, 3V/m 80MHz - 2700MHz
电气快速脉冲群 (EFT/Burst)	EN61000-4-4 ±2kV on AC port, ±1kV on signal ports
浪涌 (Surge (*6))	EN61000-4-5 ±1KV line to line (diff mode)
传导抗扰度 (Conducted Immunity)	EN61000-4-6 3Vrms, 6Vrms (0.15MHz-80MHz)
磁场 (Magnetic Field)	EN61000-4-8 30 A/m
电压突降 (Dips & Interruptions)	EN61000-4-11 0%, 70%, 0% of UT

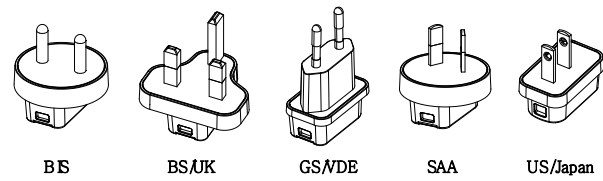
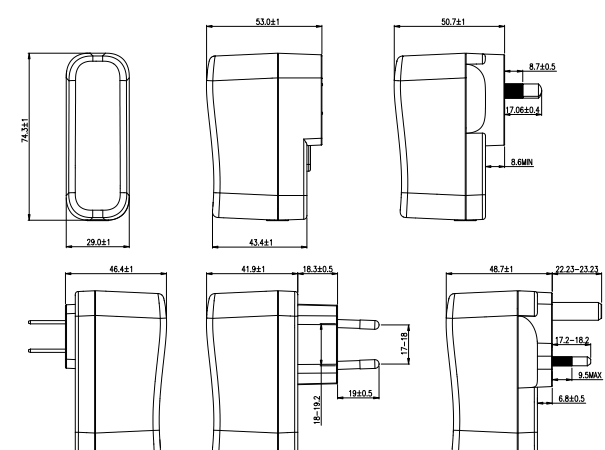
环境 (Environmental)

工作温度 (Operating Temperature)	0°C to 40°C
储存温度 (Storage Temperature)	-10°C to 70°C
操作湿度 (Operating Humidity)	10% to 90% RH, non-condensing
储存湿度 (Storage Humidity)	5% to 90% RH
操作高度 (Operating Altitude)	5,000m

常规 (General)

尺寸 (Dimensions)	53L*74.3W*29H(mm)
重量 (Weight)	220g
平均故障间隔 (MTBF)	>100,000hrs MIL-HDBK-217 at 25°C

结构详图 (Mechanical Details)

可换交流插头选项 (Interchangeable AC Plug Options)	
	
	
·外壳尺寸 (Case Size) : 53L*74.3W*29H(mm)	
·UL: 46.4LX74.3WX29H(mm)	
·BS: 48.7LX74.3WX29H(mm)	
·SAA: 50.7LX74.3WX29H(mm)	
·GS: 60.2LX74.3WX29H(mm)	