

Medical Adapter



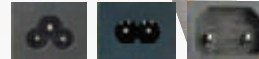
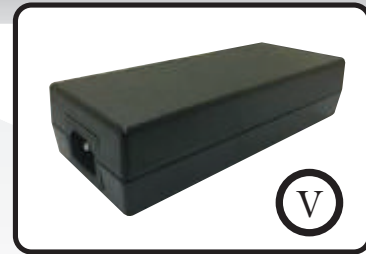
MAM Series 120W Desktop Adapter Class I & 2

FEATURES

- Class I & 2, Universal Input: 100-240VAC
- Meet CEC/ Energy Star Level V/ Erp Stage 2
- No Load Power Consumption Less Than 0.5W
- Means of Protection: 2 X MOPP
- Touch Current < 100µA

MAM-K12X-□-80

O/P Voltage ← □ → 06 : C6 ; 08 : C8 ; 14 : C14 ; 18 : C18



Model Number	Max. Output Power	Output Voltage	Min. Output Current	MAX. Output Current	Total Regulation	Ripple & Noise p-p ^(Note 2)	Efficiency
MAM-K123-□-80	120.00W	+12V	0A	10.00A	±5%	240mV	>87.0%
MAM-K124-□-80	120.00W	+15V	0A	8.00A	±5%	150mV	>87.0%
MAM-K1218-□-80	120.00W	+18V	0A	6.60A	±5%	180mV	>87.0%
MAM-K1219-□-80	120.00W	+19V	0A	6.32A	±5%	190mV	>87.0%
MAM-K125-□-80	120.00W	+24V	0A	5.00A	±5%	480mV	>87.0%
MAM-K127-□-80	120.00W	+36V	0A	3.34A	±5%	360mV	>87.0%
MAM-K126-□-80	120.00W	+48V	0A	2.50A	±5%	480mV	>87.0%

Note:

1) For ripple & noise measurement, use a 20MHz bandwidth frequency oscilloscope, and add a 0.1µF multilayer Cap. and a Low ESR Electrolytic Cap. (10 µF) at output connector terminals. (At nominal line voltage, Full Load)

2) Eff (av) = (E1+E2+E3+E4) ÷ 4, E1=efficiency with 25% rated load; E2=efficiency with 50% rated load; E3=efficiency with 75% rated load; E4=efficiency with 100% rated load.

Standard Specification

Parameter	Conditions/Description	Min.	Nom.	Max.	Units
Input Voltage	Continuous input voltage.	100		240	VAC
Input Frequency	Continuous input frequency.	50		60	Hz
Hold Up Time	Full load.	10			ms
Input Current	Nominal AC Input Voltage (115VAC/230VAC), rated load.	0.5		1.50	A
Inrush Current	Input voltage 230Vac. Cold start at 25 °C, full load.			100	A
No-load power consumption	Nominal AC Input Voltage			0.5	W

Safety Approvals	UL, cUL, ANSI/AAMI ES60601-1	Approved			
Hi-Pot	Primary to Secondary (for 1 minute)	4000			VAC
	Primary to Frame Ground (for 1 minute)	2000			VAC
	Cut off current			10	mA
EMI	CE / FCC Class B ; Conduction & Radiation Design to Meet.	B			Class
Operating Temperature		+0		+40	°C
Storage Temperature		-20		+80	°C
Operating Humidity Range	Non-condensing.	20		80	%RH
Storage Humidity Range	Non-condensing.	10		90	%RH

Medical Adapter

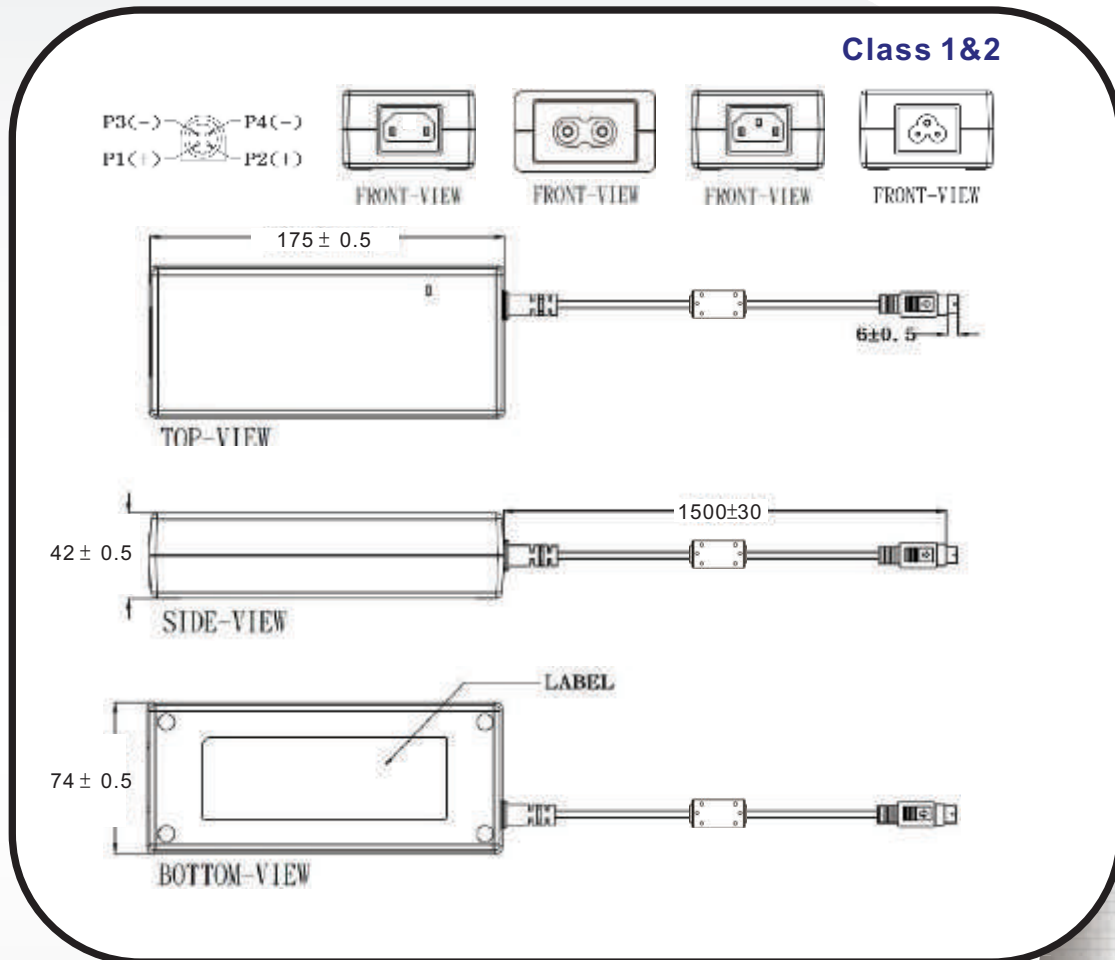


MAM Series 120W Desktop Adapter Class I & 2

Protection

Over Voltage Protection	Latch Off
Short Circuit Protection	Auto Recovery
Over Current Protection	Auto Recovery

Mechanical scale: mm



Cable length	1500 ± 30 mm (note*)
Weight	700g (Ref.)

Note: The cable length of MAM-K123-06-80, MAM-K123-14-80, MAM-K123-08-80, MAM-K123-18-80 is 1200 ± 30 mm.

Options

O/P connector	4 Pin Din, P1&P2 (+); P3&P4 (-)
---------------	---------------------------------

Note: The output connector could be customized, but for special connector we have MOQ limit.