

Medical Adapter

MAM Series 65W Desktop Adapter Class I & 2

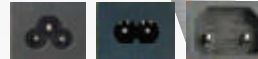


FEATURES

- 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-F06X-□-26

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



Model Number	Max. Output Power	Output Voltage	Min. Output Current	MAX. Output Current	Total Regulation	Ripple & Noise p-p ^(Note 2)	Efficiency
MAM-F063-□-26	60.00W	+12V	0A	5.00A	±5%	120mV	>87.0%
MAM-F064-□-26	65.00W	+15V	0A	4.34A	±5%	150mV	>87.0%
MAM-F0618-□-26	65.00W	+18V	0A	3.62A	±5%	180mV	>87.0%
MAM-F0619-□-26	65.00W	+19V	0A	3.43A	±5%	190mV	>87.0%
MAM-F065-□-26	65.00W	+24V	0A	2.71A	±5%	240mV	>87.0%
MAM-F067-□-26	65.00W	+36V	0A	1.81A	±5%	360mV	>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) $E_{ff} (av) = (E1 + E2 + E3 + E4) / 4$, 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.	0.7		1.60	A
Inrush Current	Input voltage 230Vac. Cold start at 25°C, full load.			80	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
	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

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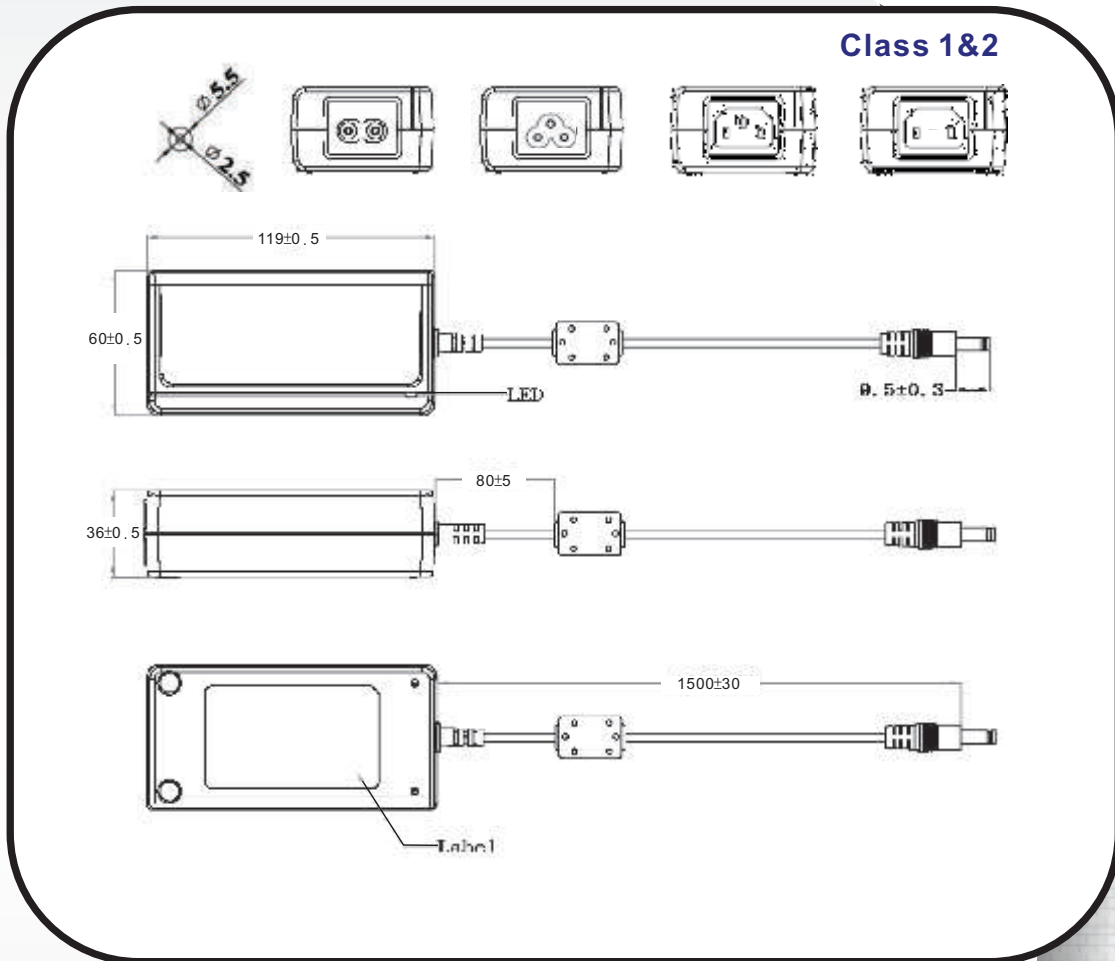


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Protection

Over Voltage Protection	Shutdown
Short Circuit Protection	Auto Recovery
Over Current Protection	Auto Recovery

Mechanical scale: mm



Cable length	1500±30mm
Weight	350g (Ref.)

Options

O/P connector	5.5 X 2.5 X 9.5 mm ; Straight/Inner+ Outer- ; Cannelure
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Note: The output connector could be customized, but for special connector we have MOQ limit.