

AC/DC Adapter



MAM Series 90W 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-J09X-□-26

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	(Note 2) Ripple & Noise p-p	Efficiency
MAM-J093-□-26	90.00W	+12V	0A	7.50A	±5%	120mV	Level V
MAM-J094-□-26	90.00W	+15V	0A	6.00A	±5%	150mV	Level V
MAM-J0919-□-26	90.00W	+19V	0A	4.74A	±5%	190mV	Level V
MAM-J095-□-26	90.00W	+24V	0A	3.75A	±5%	240mV	Level V
MAM-J097-□-26	90.00W	+36V	0A	2.50A	±5%	360mV	Level V
MAM-J096-□-26	90.00W	+48V	0A	1.88A	±5%	480mV	Level V

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		1.20	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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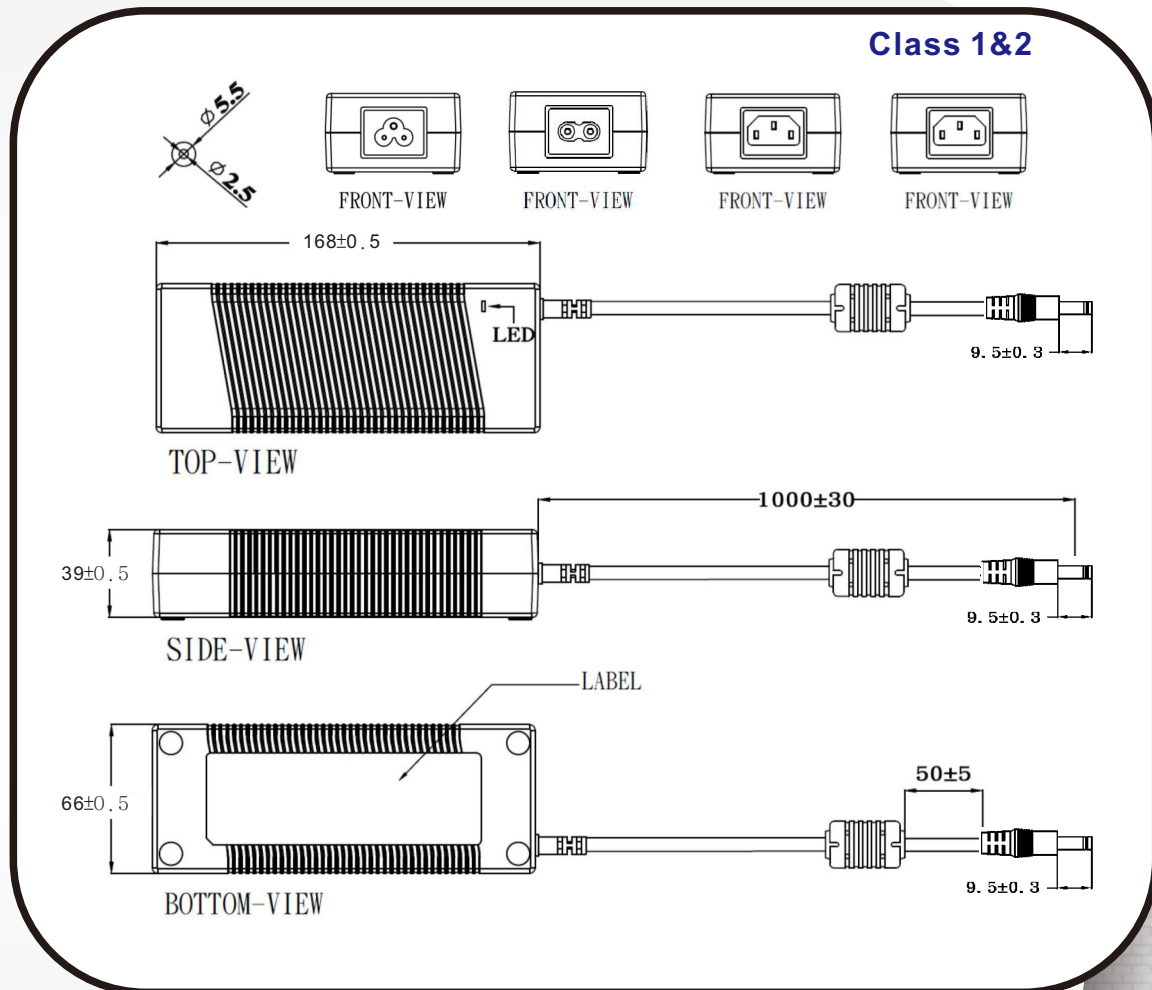


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Protection

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

Mechanical scale: mm



Cable length	1500±30mm (note*)
Weight	600g (Ref.)

Note: The cable length of MAE-J113-06-80, MAE-J113-14-80 is 1000±30 mm.

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, for special connector please contact us for more information.