



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248 Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

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SPECIFICATION

MS-181-IP67-24-AX

AC/DC ADAPTER



1. INPUT :

- 1.1 Input Voltage: AC100V to 240V
- 1.2 Input Current: 1.18A at 100VAc @F.L
0.48A at 240VAc @F.L
- 1.3 Input Frequency : 50 ~ 60hz
- 1.4 Inrush Current : 30A Max at 120Vac & 60A Max at 230Vac
- 1.5 Power Factor: >0.95(at F.L)

2. OUTPUT :

- 2.1 Output Voltage & Current:

Model No.	MS-181-IP67-24-AX
OUTPUT	24V
Max. load	4.16A
Power	100W
Min. Load	0A
Load reg. %	1%
Line reg. %	1%
Ripple %	1%
Noise %	5%

Note 1: Ripple & Noise bandwidth is from DC to 20Mhz. Terminated With a 47uF Capacitor and 0.1uf MPE Capacitor of Proper Polarity.

- 3. **EFFICIENCY :** 84% Min. at 90V AC input @F.L
87.5% Min at 230 Ac input@ F.L

4. PROTECTION

- 4.1 Short Circuit Protection

output Short GND Terminal will not damage the Power Supply will Auto-Restarted.



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4.2 Over Voltage Protection :

+24V at 27V - 29V will turn—off

4.3 Over Current : 110% ~ 150%

5. GENERAL DESCRIPTION

5.1 Operation Temperature: -20 - +70 Degree

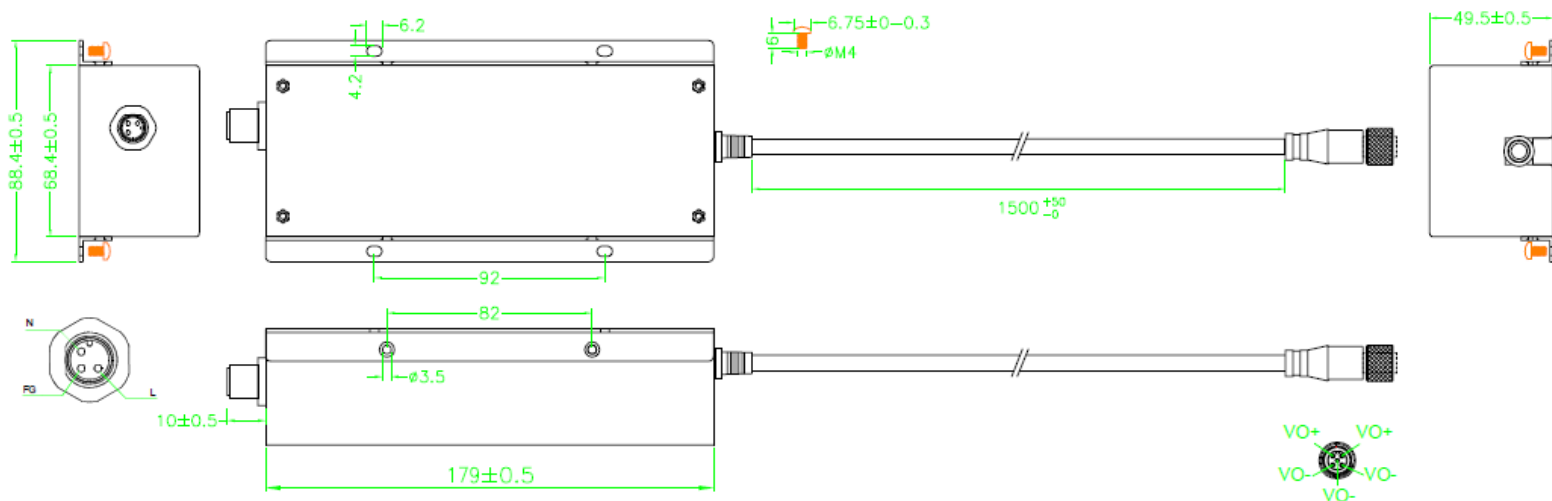
5.2 Storage Temperature: -40 - +85 Degree

5.3 Operation Humidity: 5% - 100%

5.4 Cooling: Air cooling

5.5 SIZE 179*68.4*49.5 (L*D*H)(CASE) unit: m/m

5.6 Enclosure material : Metal



Tolerance: ±0.5

6. SAFETY STANDARD :

Meet EN62368-1

7. EMI STANDARD :

Meet FCC Class B, EN55032 Class B



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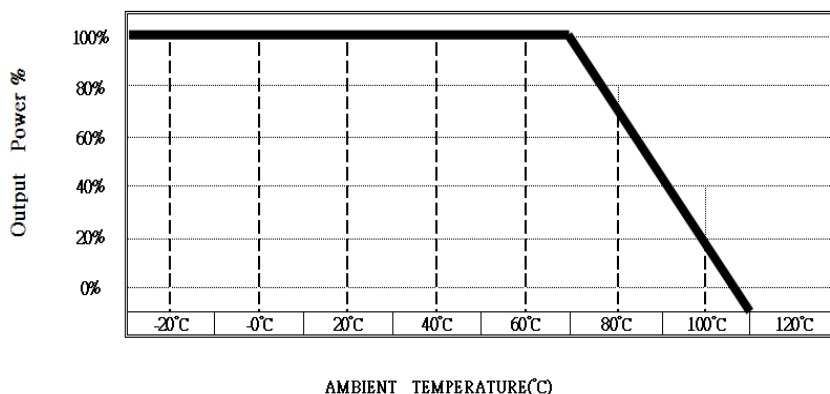
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8. De-rating Curve:

RATING TEMPERATURE LIMITS AND OUTPUT POWER RANGE



9. Label:



MSTRONIC CO. LTD

AC/DC ADAPTER

MODEL : MS-181-IP67-24-AX

INPUT : 100-240VAC
1.18A-0.48A
50-60Hz

OUTPUT: 24V ===
4.16A MAX. 100W

 I.T.E. POWER SUPPLY

SHOCK HAZARD : DO NOT OPEN.   

CAUTION :
INTENDED FOR INSTALLATION IN A PROTECTED ENVIRONMENT.

IP67

MADE IN TAIWAN



Manufacturer: Mstronic Co., Ltd.
2F, #12 Gongshang Rd.,
Wugu, New Taipei City, 248
Taiwan TEL: (+886)-2-22930159





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***Note:** M12 Custom power cords are available separately. US, EU, UK, AU or other types option please contact with us.

e.g: M12 Custom US power cord

