



MSTronic Co., Ltd.

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SPECIFICATION

MS-182-XX

LEVEL 6

AC/DC ADAPTER

1. INPUT :

- 1.1 Input Voltage: AC100V to 240V
- 1.2 Input Current: 1.4A at 120VAc @F.L
0.7A at 230VAc @F.L
- 1.3 Input Frequency : 47 ~ 63hz
- 1.4 Inrush Current : 30A Max at 120Vac & 60A Max at 230Vac
- 1.5 Power Factor: >0.95(at F.L)
- 1.6 No Load Standby Power: < 210mW (ErP Lot 6 EuP)

2. OUTPUT :

2.1 Output Voltage & Current:

	MS-182-24	MS-182-48	MS-182-56
OUTPUT	24V	48V	56V
Max. load	4.58A	2.70A	2.32A
Power	110W	130W	130W
Min. Load	0A	0A	0A
Load reg. %	1%	1%	1%
Line reg. %	1%	1%	1%
Ripple %	1%	1%	1%
Noise %	5%	3%	3%

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
88% 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 29V - 31V Will turn—off

+48V at 52V - 54V Will turn—off

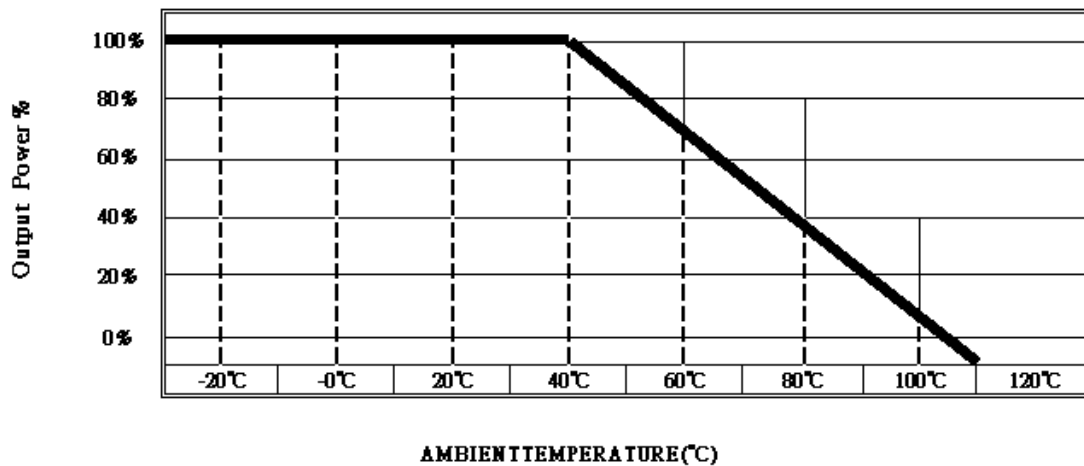
+56V at 59V - 61V Will turn—off

Over Current : 110% ~ 150%

7. GENERAL DESCRIPTION

7.1 Operation Temperature: -40 - +40 Degree

RATING TEMPERATURE LIMITS AND OUTPUT POWER RANGE



7.2 Storage Temperature: -55 - +85 Degree

7.3 Operation Humidity: 5% - 90%

7.4 Cooling: Air cooling

7.5 SIZE 175*65*45(L*D*H)(CASE) unit: m/m

8. SAFETY STANDARD :

Meet UL1950, CSA 22.2 &TUV EN60950

9. EMI STANDARD :

Meet FCC Class B , CISPR 22 Class B, EN55032 Class A

3.