

SPECIFICATION

High Quality Switching Desktop Adapter Efficiency Level VI

Universal AC Input 150W 12VDC Output

P/N: A120125ATL MV

Specification Approval

This specification (including cover page) is approved in it's entirety

Company Name

Print Name

Signature

Date



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051211

1. General Description

- ◆ **Input** : **Universal 100 ~ 240 Vac / 50 ~ 60 Hz Input**
- ◆ **Output** : **+12V / 0~12.5A**
- ◆ **Case Dimension** : **175.2 (L) * 74 (W) * 42 (H) mm**
- ◆ **Efficiency** : **Eff (av) \geq 88% (Meets Efficiency Level VI)**
- ◆ **Safety** : **UL / cUL / GS / PSE / BSMI / RCM**
- ◆ **EMI** : **CE / FCC Class B; Conduction & Radiation Met.**
- ◆ **Protection** : **OVP (Over Voltage Protection), SCP (Short Circuit Protection)
OCP (Over Current Protection), OTP (Over Temperature Protection)**

2. Input Requirements

2.1 Voltage	Universal 100~240Vac, single phase
2.2 Frequency	50 ~ 60 Hz
2.3 Current	2.2A Max.
2.4 Inrush Current	100A Max. / 240Vac (Cold start at 25 °C , full load)
2.5 Efficiency	Eff (av) \geq 88%, 115 & 230 Vac
2.6 Power Consumption	Pi \leq 0. 21W, 230Vac & No load)
2.7 Power Factor	PF \geq 0. 9, full load

3. Output Requirements

3.1 DC Output	Voltage	+12 V \pm 5%
	Current	12.5A Max.
	Regulation	11.4Vmin. ~ 12.00Vtyp. ~ 12.6Vmax.
	Ripple & Noise	120mV Max.
	Total Power	150W Max.

4. Protection

4.1 Over Voltage Protection (OVP)	(V out *150%) Max.
4.2 Short Circuit Protection (SCP)	Automatic recovery after short-circuit fault being removed
4.3 Over Current Protection(OCP)	(I out *150%) Max.
4.4 Over Temp Protection(OTP)	Shut down

5. Safety

5.1 Safety Requirement

Safety : **UL / cUL / GS / PSE / BSMI / RCM**

Dielectric Strength : **Cut off current 10mA**

(1)	Primary to Secondary	1800Vac for 1 Minute
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Insulation Resistance :

(1)	Primary to Secondary	10M Ohms for 500Vdc
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5.2 EMI Requirement : **CE / FCC Class B**

5.3 Leakage Current : **Less than 3.5A**

5.4 Grounding Test : **Resistance 0.1ohm Max. @ 25A**

6. Environmental

6.1 Temperature Range

Operating	+0°C ~ +40°C
Storage	-20°C ~ +80°C

6.2 Humidity Range

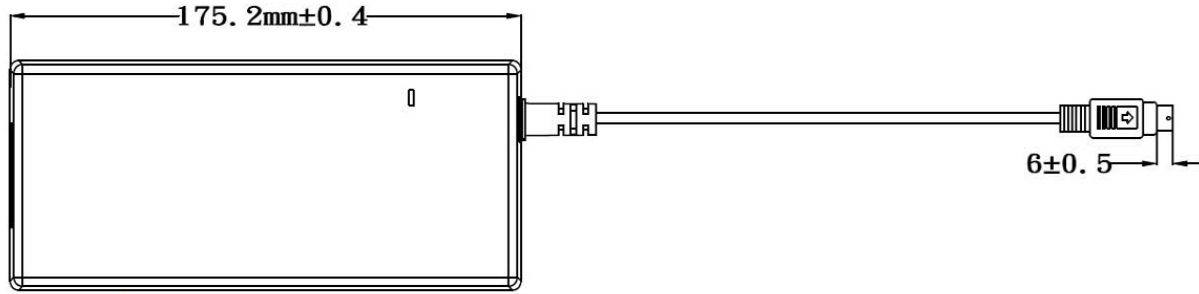
Operating	20% ~ 80%RH
Storage	10% ~ 90%RH

7. Mechanical

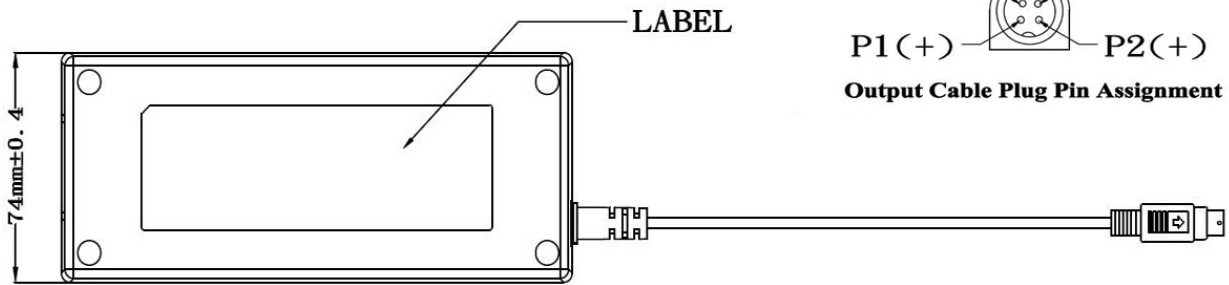
7.1 Weight: 700g typ.

7.2 Cable: UI2464 AWG16*4C

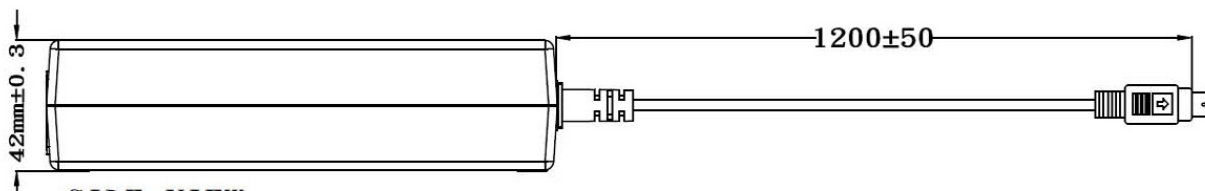
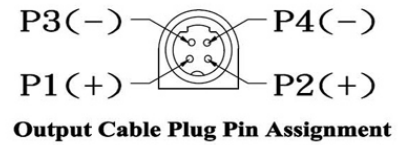
7.3 Plug: 4P Din



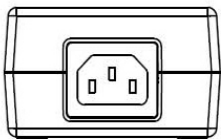
TOP-VIEW



BOTTOM-VIEW




SIDE-VIEW



FRONT-VIEW

8. Label




**AC
Adapter**


电源适配器/電源供應器


P/N: A120125ATL MV


Input: 100-240V ~ 50-60Hz 2.2A




Output: 12V = 12.5A











RoHS
LPS

CAUTION (警告/警告)

FOR I.T.E.USE ONLY. LIMITED POWER SOURCE.
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

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S/N:

Made in China