



GOLDEN PACIFIC ELECTRONICS, INC.
 16800 E. Gale Ave, City of Industry, CA 91745 U.S.A
 Phone#: 714-993-6970; 626-217-1049
 Fax#: 626-968-6897
 Website: www.gpelectronics.com
 Email: sales@gpelectronics.com

Customer:

Customer Model Number:

Product Part Number: PS-2483APL10-5M
Efficiency Level VI

1. Feature :

- ◆ **Input** : Universal 100 ~ 240 Vac / 50 ~ 60 Hz Input, without any slide switch.
- ◆ **Output** : +24V / 0 ~ 8.3A
- ◆ **Case Dimension** : 183.2(L) * 81.0(W) * 42.3(H) mm
- ◆ **Efficiency** : Eff (av) ≥ 88%
- ◆ **Safety** : CB / cUL / UL / GS / PSE / BSMI / CCC / 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)
- ◆ High frequency design , less power consumption.
- ◆ Suitable for usage at Telecommunication, Computer, Industrial Controller, & OA System.
- ◆ Meet DoE / ErP (Stage 2) / NRCan / CEC / EPA

2. Input :

2.1 Voltage	Universal 100 ~ 240Vac, single phase
2.2 Frequency	50 ~ 60 Hz
2.3 Current	2.8A Max.
2.4 Inrush Current	100A Max. / 240Vac (Cold start at 25 °C , full load)
2.5 Efficiency	Eff (av) ≥ 88% (At 115 Vac & 230 Vac)
2.6 Power Consumption	Pi ≤ 0. 21W (At 115 Vac & 230 Vac & At No load)
2.7 Power Factor (PF)	Pi ≥ 0. 9 (At 115 Vac & 230 Vac, At Full load)

$$\text{※Eff (av)} = \frac{E1 + E2 + E3 + E4}{4}$$

E1=efficiency with 25% rated load ; E2= efficiency with 50% rated load
 E3=efficiency with 75% rated load ; E4= efficiency with 100% rated load

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3. Output :

3.1 DC Output	Voltage	+24.00V ± 5%
	Current	8.3A Max.
	Regulation	22.8Vmin. ~ 24.0Vtyp. ~ 25.2max.
	Ripple & Noise	240mVp-p Max.
	Total Power	200W Max.

Remark : For ripple & noise measurement, use a 20MHz bandwidth frequency oscilloscope, and add a 0.1µF multilayer Cap. and a Low ESR Electrolytic Cap. (47 µF) at output connector terminals. (At nominal line voltage, full load)

4. Protection :

4.1 Over Voltage Protection (OVP)	Vout * 150% Max.
4.2 Over Current Protection(OCP)	Iout * 150% Max.
4.3 Short Circuit Protection (SCP)	Shut down
4.4 Over Temperature Protection (OTP)	Shut down

5. Safety 、 EMI and EMC Requirement :

5.1 Safety Requirement

a. Safety : CB / cUL / UL / GS / PSE / BSMI / CCC / RCM

b. Dielectric Strength : Cut off current 10mA

(1)	Primary to Secondary	3000Vac for 1 Minute
(2)	Primary to Frame Ground	1500Vac for 1 Minute

c. Insulation Resistance :

(1)	Primary to Secondary	10 M ohm for 500Vdc
(2)	Primary to Frame Ground	10 M ohm for 500Vdc

5.2 EMI Requirement : CE / FCC Class B ; Conduction & Radiation Met.

5.3 Leakage Current : Less than 3.5mA



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6. Operation and Environment Performance :

6.1 Temperature Range

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

6.2 Humidity Range (Non-condensing)

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

6.3 Cooling : By natural air.

7. M.T.B.F. : 300,000Hrs.(Calculated Hours at 25°C , By Telcordia SR-332)

8.Mechanical :

8.1 Weight : 820g Typical

8.2 Cable Type : Black UL2464 AWG16 * 4C
(Wire + Plug)

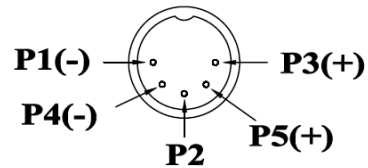
Plug : 5 Pin Din

8.3 Cable Length : 1500mm

8.4 Case Dimension : 183.2mm(L)*81.0mm(W)*42.3mm(H)

8.5 Material Flammability : UL 94V-0

8.6 External Apperance : As drawing below (Scale → mm)



Output Cable Plug Pin Assignment

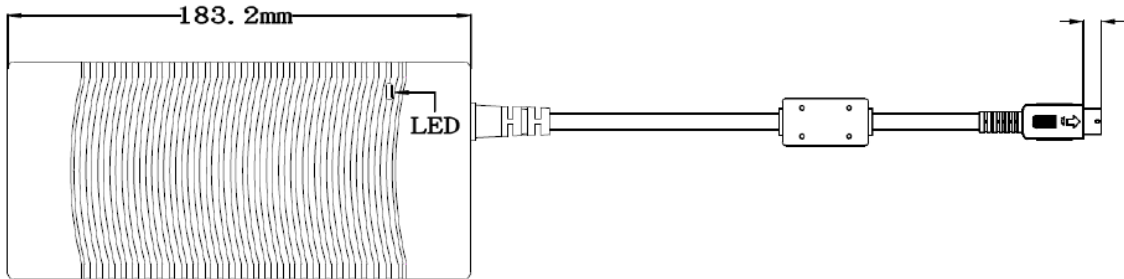
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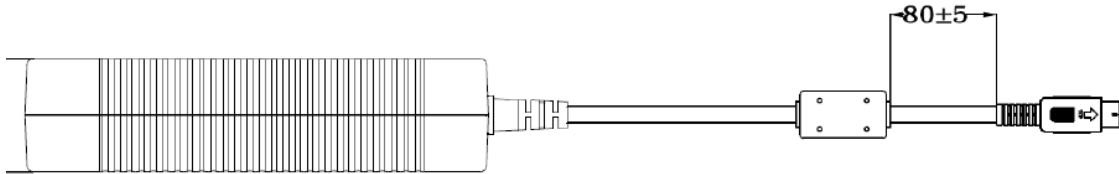
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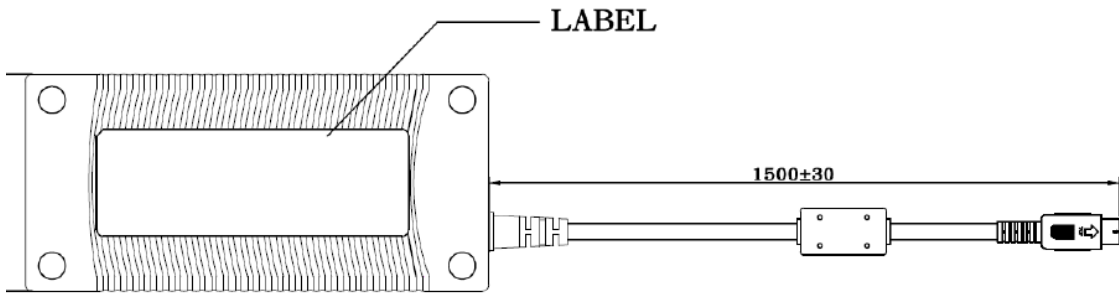
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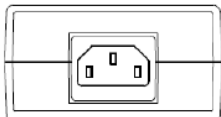
TOP-VIEW



SIDE-VIEW



BOTTOM-VIEW



FRONT-VIEW

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NAMEPLATE:

<p>AC ADAPTER 交換式電源供應器/电源适配器 PN:PS-2483APL10-5M MODEL (型號/型号) : ATS200T-P240 INPUT (輸入/输入) : 100-240V ~ 50-60Hz 2.8A MAX. OUTPUT (輸出/输出) : 24V $\overline{\text{---}}$ 8.3A</p>					
<p> For use with information technology equipment only Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan Apparaten må tilkoples jordet stikkontakt Apparaten skall anslutas till jordat uttag</p>					<p>LISTED LITE POWER SUPPLY 60LJ E225703</p>
<p>FOR INDOOR USE ONLY EFFICIENCY LEVEL VI</p>					<p>D/C:1552 MADE IN CHINA 中国制造 ID NO. A xxx</p>

Manufacturer(製造商):阿达特科技股份有限公司

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