

## Features

- Universal Input 100~240VAC 50/60Hz
- IEC/EN/ANSI/AAMI ES 60601-1 (ED 3.1)
- EMC: IEC60601-1-2:2014(ED 4.0)
- Safety Approvals: cULus / UKCA / CB / PSE / FCC / CE / TUV / RoHS / REACH
- IEC 62368-1 approval
- Means of Protection: 2 X MOPP
- Touch Current: < 100µA
- Single Output to 65W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Meets DoE Level VI, Energy Star, ErP Stage :
- No Load Power Consumption Less Than 0.075W
- IEC C14 Connector
- Dimensions: L 119 x W 60 x H 36 (mm)
- Weight: 350g



Ideal Power's 44ATM065T-Pxyz, 65W AC/DC External Desktop Power Supply (PSU) Series are certified to cULus / UKCA / CB / PSE / FCC / CE / TUV / RoHS / REACH & IEC 60601-1-2:2014(ED 4.0) Standards and comply with (EU) 2019/1782, Level VI Efficiency Regulations. These are primarily used in Medical, ITE, Audio & Video Industries and customised solutions are available upon request.

## Models

Model Number	Output Voltage	Output Current	Output Power
44ATM065T-P120	12V DC	5A	60W
44ATM065T-P150	15V DC	4.34A	65W
44ATM065T-P180	18V DC	3.62A	65W
44ATM065T-P240	24V DC	2.71A	65W
44ATM065T-P300	30V DC	2.17A	65W
44ATM065T-P480	48V DC	1.36A	65W

## General Specification

<b>Type</b>	Switched Mode Power Supply
<b>Input Connector</b>	IEC 320-C14
<b>Output Connection</b>	2.1x5.5x11.0mm +ve inner/centre
<b>Number of Outputs</b>	1
<b>Energy Efficiency Level</b>	VI
<b>Mounting Style</b>	Desktop
<b>MTBF</b>	300,000 hours calculated at 25°C, by Telcoria SR-332
<b>Power Indicator</b>	LED Indicator for power on
<b>Cable Length</b>	1500mm(±30mm)
<b>Cable Type</b>	16AWG/18AWG/20AWG (Depending on model)
<b>Medical Approved</b>	Yes

### Mechanical Specifications

<b>Housing Material</b>	Fully Enclosed Plastic Case
<b>Overall Dimensions</b>	119mm x 60mm x 36mm
<b>Overall Length</b>	119mm
<b>Overall Depth</b>	60mm
<b>Overall Width</b>	36mm
<b>Weight</b>	350g

### Input Specifications

<b>Rated Input Voltage</b>	100~240Vac (±10%)
<b>Rated Frequency</b>	50/60Hz
<b>Efficiency Level VI</b>	Level VI / Efficiency (EU) 2019/1782
<b>Input Current</b>	1.6A-0.7A
<b>Inrush Current</b>	80A Max. / 230Vac (Cold Start At 25°C, Full Load)
<b>Touch Current</b>	Less than 100µA
<b>Input Protection</b>	Internal Primary Current Fuse

### Output Specifications

<b>Output Regulation</b>	±5%
<b>Ripple &amp; Noise (max.)</b>	1% Vp-p Max. for Output Voltage @ Full Load
<b>Voltage Tolerance</b>	±5%
<b>Load Regulation</b>	±5%
<b>No Load Power Consumption</b>	<0.15W
<b>Hold-up Time</b>	10mS @ Full Load
<b>Transient Response</b>	0.5mS for 50% Load Change(Typical)
<b>Number of Outputs</b>	1
<b>Insulation Class</b>	I
<b>Dielectric Strength</b>	Primary to Secondary 4,000Vac for 1 Minutes
<b>Isolation Resistance</b>	10MΩ for 500Vdc
<b>Over Circuit Protection</b>	Auto-recovery
<b>Over Voltage Protection</b>	V out * 150% MAX., latch off
<b>Over Current Protection</b>	I out * 170% MAX., auto-recovery

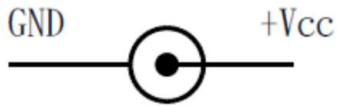
### Protection Category

<b>Means of Protection</b>	2 X MOPP
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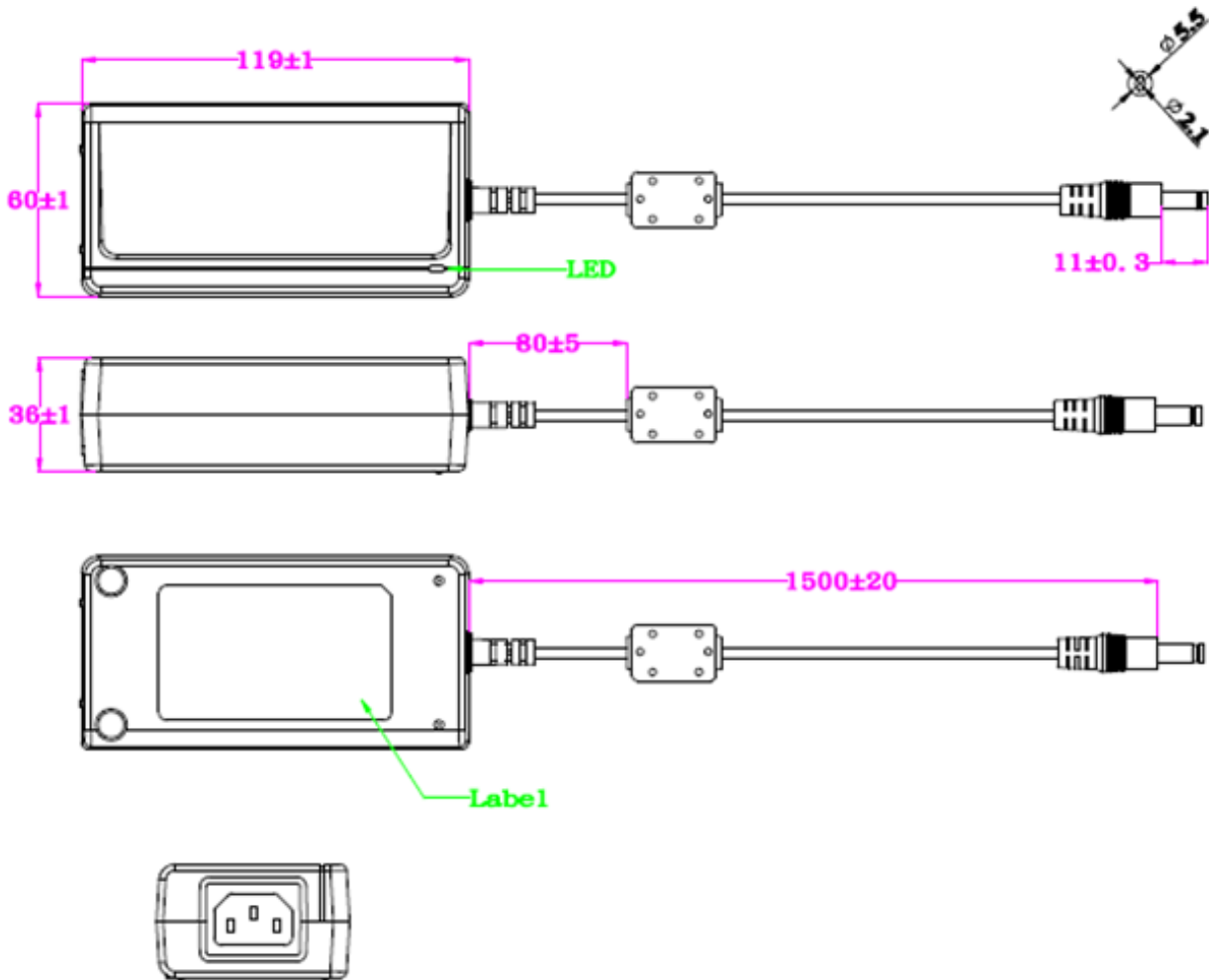
### Approvals

<b>Compliance/Certifications</b>	CB / cULus/ FCC / CE / UKCA / T-mark / TUV / PSE
<b>Safety Standard</b>	IEC/EN/ANSI/AAMI ES 60601-1, IEC/UL/EN 62368-1
<b>EMC Emission:</b>	Directive 93/42/EEC (EN 60601-1-2)

**Mechanical Drawing**



**Output Cable Plug Pin Assignment**



200%

100%

**iP IDEALPOWER**  
**Medical Power Supply**  
**MODEL : ATM065T-P120 LPS** UK CA CE FC  
**INPUT : 100-240V ~ 50-60Hz 1.6-0.7A**  
**OUTPUT : 12.0V = 5.0A 60.0W**  
 Risk of electric Shock,  
 dry location use only.  
 Indoor use only.  
 RoHS compliant JET  
 IP: 100-240V AC 50-60Hz 1.60A-0.70A MAX. O/P: 12.0V DC 5.0A #77000001-07700001  
 http://www.adaptertech.com.tw  
 MADE IN CHINA XXX ID NO.X  
 S/N:XXYYZZZZZZZ  
 EFFICIENCY LEVEL VI

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