

## AD0120 series



### ● Feature

- CEC Compliance
- ROHS Compliance
- LED Indication
- Over Voltage Protective Installation
- Short Circuit Protective Installation
- Protection Type:Auto-Recovery
- High Operating Temperature 40°C
- MTBF:>30,000 hours



### ● Electrical Specifications

MODEL NO	MAX POWER	OUTPUT VO/IO	LOAD REGULATION	LINE REGULATION	RIPPLE&NOISE
AD120	120W	5.0~48.0V/0~15.0A	+/-5%	+/-1%	100mV

AD120XY X:Output range Y: Input Plug

### NOTE:

1:Ripple&noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uf ceramic capacitor &parallel with 47uf aluminum capacitor at full load and nominal line.

2:Line regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at rated load.

3:Max.Output Power (W)  $\geq$  Vo x Io

### ● Electrical Specifications

#### INPUT

- Input Range 100 to 240Vac
- Frequency 50to60Hz
- Input Current  $\leq 1.0A$
- Inrush Current  $\leq 60A$
- Efficiency 85%Typ.
- Hold Up Time  $\geq 8.3mS$
- Turn On Time  $\leq 3s$

#### OUTPUT

- Over Voltage Protection Auto Recovery
- Short Circuit Protection Auto Recovery

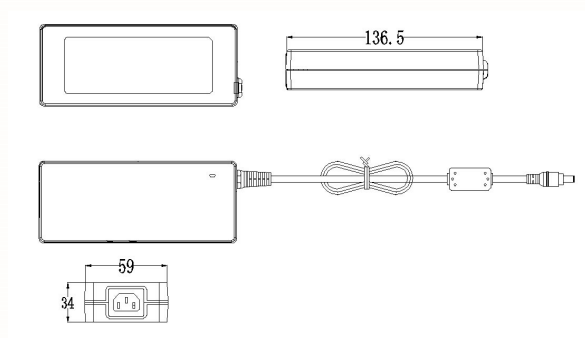
#### ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

#### SAFETY

- UL/CUL UL 60950,UL60065 TUV/GS EN/IEC60950,EN/IEC60065 PSE, cTUVus, CB, CE, FCC,CCC

### ● Mechanical Specification



- Case Size:136.5Lx59Wx34H(mm)
- Weight:300G

Certificates listed are for reference only. Please contact our sales department for details.

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