



# External power supplies



AC/DC Single Output Desk top Type

54~65 Watts Max.

EA1063 Series



## Features

- ErP level V
- Energy saving compact design
- CEC compliance
- RoHS compliance
- IEC320 C8
- Over voltage and over current protection
- Protection Type: Auto recovery
- MTBF: >30,000 hours

## Electrical Specifications

RS STOCK NO.	MODEL OUTPUT	VOLTAGE (Vo)	MAX. LOAD (Io)	POWER (Watts)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
731-6062	EA10632A(M07)	12V	4.5A	54W	+/- 5%	+/- 2%	2%
731-6071	EA10632A(M06)	14V	3.85A	54W	+/- 5%	+/- 2%	2%
731-6074	EA10632B(M39)	19V	3.42A	65W	+/- 5%	+/- 2%	2%
731-6078	EA10632B(M40)	24V	2.7A	65W	+/- 5%	+/- 2%	2%

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)  $\geq V_o \times I_o$

## Electrical Specifications

### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 1A at 230VAC
- Inrush Current 140A at 230VAC
- Efficiency EA10632A: 84% Typ.  
EA10632B: 87% Typ.
- Hold Up Time 10mS
- Turn On Time  $\leq 3s$

### OUTPUT

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

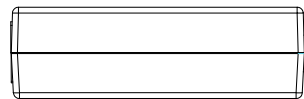
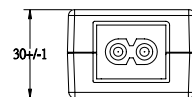
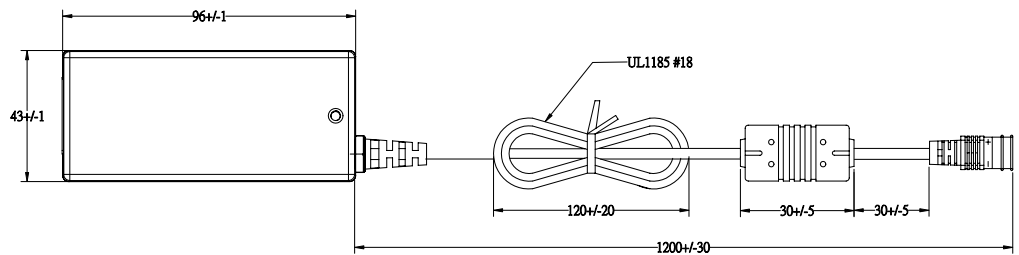
### ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85 °C

### SAFETY

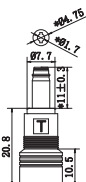
- UL/CUL UL60950, TUV/GS EN/IEC 60950, FCC, CB, CE, PSE

## Mechanical Specification

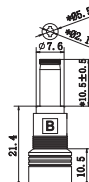


- Case Size: 96Lx43Wx30H (mm)
- AC Inlet: C8
- Weight: 230g

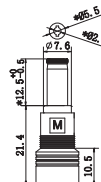
4.75 / 1.75 / 11.00mm



5.5 / 2.1 / 10.50mm



5.5 / 2.5 / 12.5mm



6.3 / 3.0 / 12.00mm

