

EA1030 Series

AC/DC Single Output Desk Top Type

• 20~36Watts Max.



Features

- CEC Compliance(Optional)
- RoHS Compliance
- IEC320 C14, C8, C6
- Over Voltage Protective Installation
- Short Circuit Protective Installation
- Protection Type: Auto-Recovery
- MTBF: >30,000 hours

EA1030 x Y - vv PP

x: Output range

Y: Case type: 1. C14 2. C8 3. C6

vv: Specified output voltage, ie 24 is 24Vdc

PP: Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1020Ay	20W	5~8V	0	4A	± 5%	± 1%	160mV
EA1020y	20W	9~12V	0	2A	± 5%	± 1%	250mV
EA1020Cy	20W	13~20V	0	1.54A	± 5%	± 1%	300mV
EA1020Dy	20W	21~35V	0	0.95A	± 5%	± 1%	520mV
EA1030Ay	25W	5~8V	0	3.5A	± 5%	± 1%	160mV
EA1030y	30W	9~12V	0	3A	± 5%	± 1%	250mV
EA1030Cy	30W	13~20V	0	2.3A	± 5%	± 1%	300mV
EA1030Dy	30W	21~35V	0	1.42A	± 5%	± 1%	520mV
EA1036y	36W	12V	0	3A	± 5%	± 1%	250mV
EA1036Dy	36W	21~35V	0	1.5A	± 5%	± 1%	520mV

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 ±10% of input voltage from nominal line at rated load.

3 : Max. Output Power (W) ≥Vo x Io

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤1.0A
- Inrush Current ≤60A At cold start
- Efficiency EA1020 Series: 77% Min.
EA1030 Series: 80% Min.
EA1036 Series: 82% Min.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

OUTPUT

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

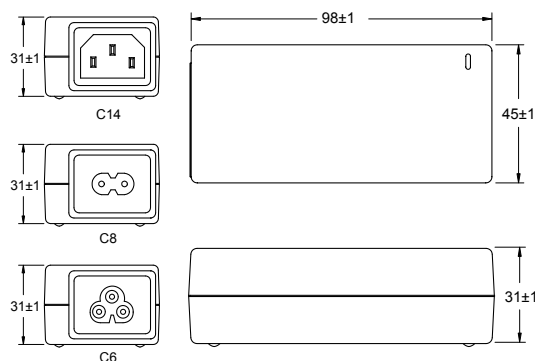
ENVIRONMENTAL

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

SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

Mechanical Specification



- Case Size: 98L x 45W x 31H (mm)
- AC Inlet: C14, C8, C6
- Weight: 220g