

### Features

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

### EA1030 x Y - wv PP

**x:** Output range

**Y:** AC plug type:

- U: USA • E: EU • K: UK • A: SAA

**wv:** 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

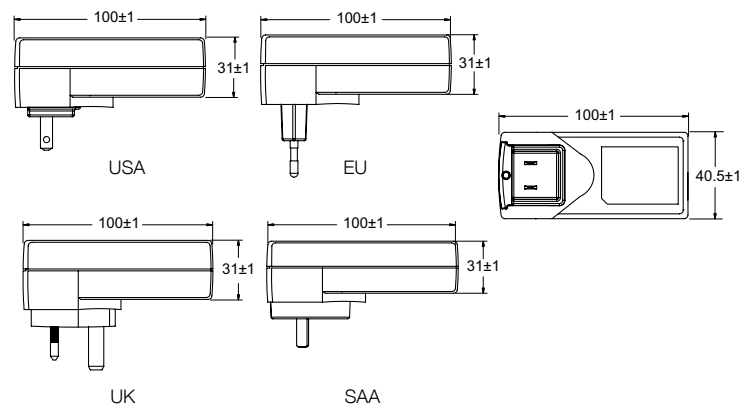
**ENVIRONMENTAL**

- 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: 100L x 40.5W x 31H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA
- Weight: 220g