



### Features

- Economy Type
- CEC Compliance
- RoHS Compliance
- IEC320 C14, C8, C6
- Over Voltage Protective Installation
- Over Current Protective Installation
- Protection Type: Auto-Recovery
- MTBF: >30,000 hours

### EA1052 x Y - vv PP

**x:** Case type: 1. C14 2. C8 3. C6

**Y:** Output range

**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
EA1052xA	50W	5~9V	0	9A	± 5%	± 1%	150mV
EA1052xB	40W	5~9V	0	6A	± 5%	± 1%	150mV
EA1052xC	60W	9~15V	0	6A	± 5%	± 1%	240mV
EA1052xD	50W	9~15V	0	5A	± 5%	± 1%	240mV
EA1052xE	42W	9~15V	0	4A	± 5%	± 1%	240mV
EA1052xF	60W	15~24V	0	4A	± 5%	± 1%	360mV
EA1052xG	50W	15~24V	0	3.33A	± 5%	± 1%	360mV
EA1052xH	42W	15~24V	0	2.5A	± 5%	± 1%	360mV
EA1052xJ	60W	29~48V	0	1.93A	± 5%	± 1%	720mV
EA1052xN	60W	31~48V	0	1.93A	± 5%	± 1%	720mV

**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 ≤1.8A
- Inrush Current ≤60A At cold start
- Efficiency EA1052xA, B: 75% Typ.  
EA1052xC, D, E: 84% Typ.  
EA1052xF, G, H: 85% Typ.  
EA1052xJ, N: 85% Typ.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

**OUTPUT**

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

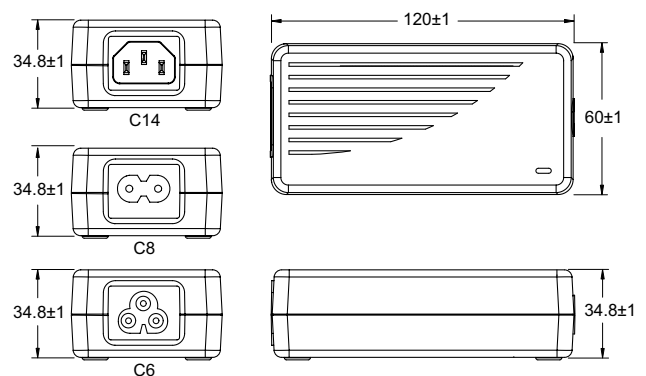
**ENVIRONMENTAL**

- 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: 120L x 60W x 34.8H (mm)
- AC Inlet: C14, C8, C6
- Weight: 310g