



## Features

- CEC Compliance
- RoHS Compliance
- IEC320 C14, C8, C6
- Over Voltage Protective Installation
- Short Circuit Protective Installation
- Protection Type: Auto-Recovery
- High Operating Temperature 50°C
- MTBF: >30,000 hours

## EM1036 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
EM1036Ay	36W	9~15V	0	3A	± 5%	± 1%	240mV
EM1036By	30W	9~15V	0	2.5A	± 5%	± 1%	240mV
EM1036Cy	24W	9~15V	0	2A	± 5%	± 1%	240mV
EM1036Dy	18W	9~15V	0	1.5A	± 5%	± 1%	240mV
EM1036Ey	15W	9~15V	0	1A	±5%	± 1%	240mV

### 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 82% Typ.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3s

### OUTPUT

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

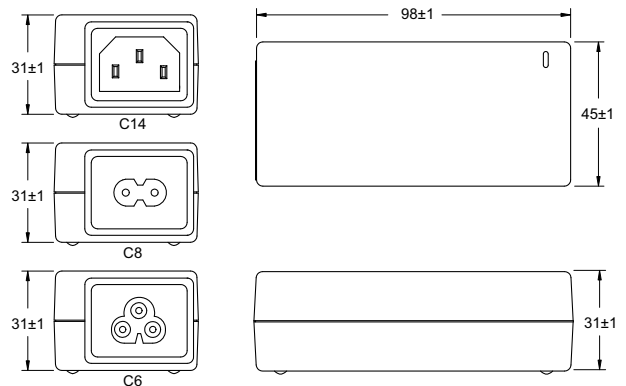
### ENVIRONMENTAL

- Operating Temperature 0 to 50°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

### SAFETY

- UL UL60601

## Mechanical Specification



- Case Size: 98Lx45Wx31H (mm)
- AC Inlet: C14, C8, C6
- Weight: 220g