



## Features

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

## EM1024 x Y - vv PP

**x:** Output range

**Y:** Case type: 1. C14 2. C8 3. C6 6. C18

**vv:** Specified output voltage, ie 12 is 12Vdc.

**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
EM1024AY	16	5~8V	0A	2.0A	± 5%	± 1%	100mV
EM1024BY	20	5~8V	0A	3.0A	± 5%	± 1%	100mV
EM1024CY	24	5~8V	0A	4.0A	± 5%	± 1%	100mV
EM1024DY	18	9~11V	0A	1.5A	± 5%	± 1%	250mV
EM1024EY	24	9~11V	0A	2.0A	± 5%	± 1%	250mV
EM1024FY	27	9~11V	0A	3.0A	± 5%	± 1%	250mV
EM1024GY	20	12~17V	0A	1.66A	± 5%	± 1%	250mV
EM1024HY	30	12~17V	0A	2.5A	± 5%	± 1%	250mV
EM1024JY	24	18~24V	0A	1.33A	± 5%	± 1%	350mV
EM1024KY	30	18~24V	0A	1.66A	± 5%	± 1%	350mV
EM1024MY	20	36~48V	0A	0.55A	± 5%	± 1%	480mV
EM1024NY	30	36~48V	0A	0.83A	± 5%	± 1%	480mV
EM1024PY	36	12V	0A	3.0A	± 5%	± 1%	250mV
EM1024QY	24	12V	0A	2.0A	± 5%	± 1%	250mV
EM1024RY	36	24V	0A	1.5A	± 5%	± 1%	350mV

### 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. Power (W) = Vo x Io

4 : LED according to customer needs.

## Electrical Specifications

### INPUT

- Input Range: 100 to 240VAC
- Frequency: 50 to 60Hz
- Input Current: ≤1.0A~0.5A
- Inrush Current: ≤60A At cold start
- Efficiency: Meet CEC Level V, VI
- Hold Up Time: ≥8.3mS
- Turn On Time: ≤3S

### OUTPUT

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

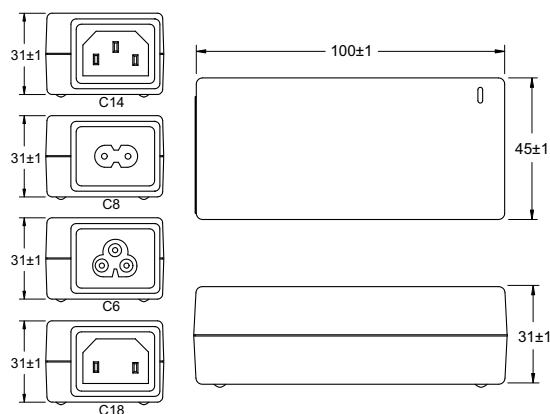
### ENVIRONMENTAL

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

### SAFETY

- UL/cUL UL60601, TUV/SUD EN/IEC 60601 (only for class II)  
CB, CE, FCC

## Mechanical Specification



- Case Size: 100L x 45W x 31H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 200g