



## Features

- CEC Compliance
- RoHS Compliance
- IEC320 C14, C8, C6
- Over Voltage Protective Installation
- Short Circuit Protective Installation
- Protection Type: Latch-off
- MTBF: >30,000 hours

## EM1070 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 |
|-----------|-----------------------|---------------------|----------------|----------------|-----------------|-----------------|---------------|
| EM1070xA  | 72W                   | 12~17V              | 0A             | 6A             | ± 5%            | ± 1%            | 250mV         |
| EM1070xB  | 72W                   | 18~24V              | 0A             | 4A             | ± 5%            | ± 1%            | 250mV         |
| EM1070xC  | 60W                   | 12~17V              | 0A             | 5A             | ± 5%            | ± 1%            | 250mV         |
| EM1070xD  | 60W                   | 18~24V              | 0A             | 3.33A          | ± 5%            | ± 1%            | 250mV         |

### 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 ≤2A
- Inrush Current ≤90A At cold start
- Efficiency 85% Typ.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

### OUTPUT

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

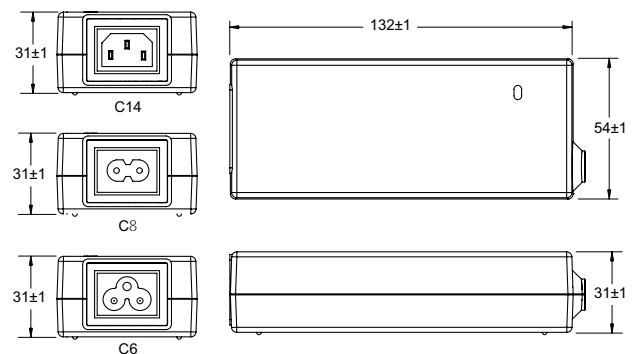
### ENVIRONMENTAL

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

### SAFETY

- UL/CUL UL60601, TUV/RH EN/IEC 60601, CB, CE, FCC

## Mechanical Specification



- Case Size: 132L x 54W x 31H (mm)
- AC Inlet: C14, C8, C6
- Weight: 320g