

EM1036 Series

AC/DC Medical Desk Top Type

• 15~36Watts Max.



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: >3,000 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	0A	3A	± 5%	± 1%	240mV
EM1036By	30W	9~15V	0A	2.5A	± 5%	± 1%	240mV
EM1036Cy	24W	9~15V	0A	2A	± 5%	± 1%	240mV
EM1036Dy	18W	9~15V	0A	1.5A	± 5%	± 1%	240mV
EM1036Ey	15W	9~15V	0A	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 ≤90A At cold start
- Efficiency Meet CEC Level IV, V
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

OUTPUT

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

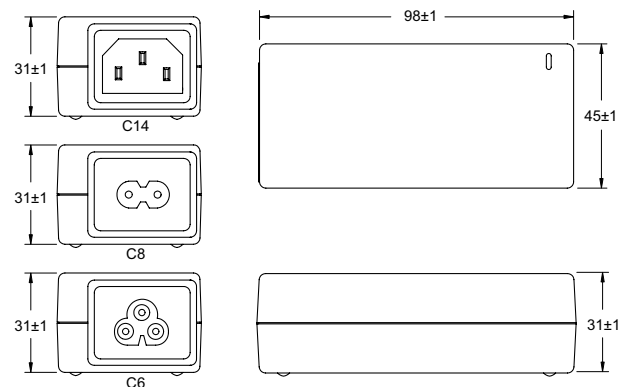
ENVIRONMENTAL

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

SAFETY

- UL UL60601, CE, FCC

Mechanical Specification



- Case Size: 98L x 45W x 31H (mm)
- AC Inlet: C14, C8, C6
- Weight: 220g