

DPEM1036Series

15-36 Watt AC/DC Medical Desk Top Type



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

DPEM1036 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 CDEP 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
DPEM1036Ay	36W	9~15V	0	3A	+/- 5%	+/- 1%	240mV
DPEM1036By	30W	9~15V	0	2.5A	+/- 5%	+/- 1%	240mV
DPEM1036Cy	24W	9~15V	0	2A	+/- 5%	+/- 1%	240mV
DPEM1036Dy	18W	9~15V	0	1.5A	+/- 5%	+/- 1%	240mV
DPEM1036Ey	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 $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Output Power (W) $\geq V_o \times I_o$

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current $\leq 1.0A$
- Inrush Current $\leq 60A$
- Efficiency 82% Typ.
- Hold Up Time $\geq 8.3mS$
- Turn On Time $\leq 3s$

OUTPUT

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

ENVIRONMENTAL

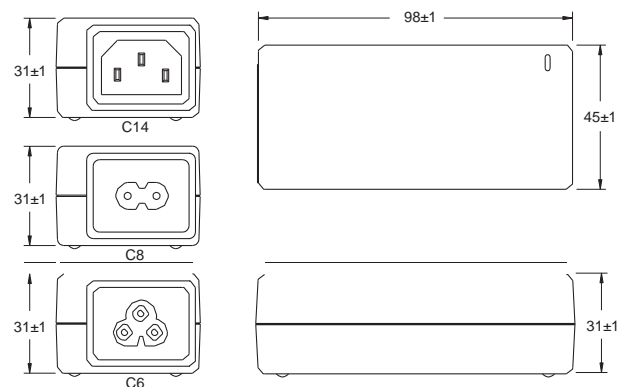
- Operating Temperature 0 to 50°C
- Storage Temperature -20 to 85 °C
- Storage Humidity 5 % to 95%

SAFETY

- UL UL60601

Certificates listed are for reference only. Please contact our sales department for details.

Mechanical Specification



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