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160~250W Desktop type Medical power supply > EM1250

Medical AC/DC Desktop Adapter

Features

- 100-240VAC Universal Input
- LED Indicator
- 2 x MOPP Compliance, IEC/EN60601-1 Approval
- Active PFC Function
- Protections:
  Short circuit / Over voltage / Over current
  Over temperature
- Energy Efficiency Level VI
- No Load Power Consumption ≤ 0.21W
- MTBF > 50,000 hours

EM1250 X Y - vv PP

X: AC inlet: 1. C14 2. C8 3. C6 6. C18
Y: Output range
vv: Specified output voltage, i.e. 12 is 12VDC
PP: DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EM1250xA	160W	12V~18V	0A	13.33A	± 5%	± 1%	300mV
EM1250xB	180W	12V~18V	0A	15.00A	± 5%	± 1%	300mV
EM1250xC	180W	19V~28V	0A	9.47A	± 5%	± 1%	350mV
EM1250xD	200W	12V~18V	0A	16.66A	± 5%	± 1%	300mV
EM1250xE	200W	19V~28V	0A	10.52A	± 5%	± 1%	350mV
EM1250xF	200W	32V~42V	0A	6.25A	± 5%	± 1%	450mV
EM1250xG	200W	44V~56V	0A	4.54A	± 5%	± 1%	600mV
EM1250xH	220W	12V~18V	0A	18.33A	± 5%	± 1%	300mV
EM1250xJ	220W	19V~28V	0A	11.57A	± 5%	± 1%	350mV
EM1250xK	220W	32V~42V	0A	6.87A	± 5%	± 1%	450mV
EM1250xL	220W	44V~56V	0A	5A	± 5%	± 1%	600mV
EM1250xM	230W	19V~28V	0A	12.10A	± 5%	± 1%	350mV
EM1250xN	230W	32V~42V	0A	7.18A	± 5%	± 1%	450mV
EM1250xP	230W	44V~56V	0A	5.22A	± 5%	± 1%	600mV
EM1250xQ	250W	19V~28V	0A	13.15A	± 5%	± 1%	350mV
EM1250xR	250W	32V~42V	0A	7.81A	± 5%	± 1%	450mV
EM1250xS	250W	44V~56V	0A	5.68A	± 5%	± 1%	600mV

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

Electrical Specification

INPUT

• Input Range	100 to 240 VAC
• Frequency	50 to 60Hz
• Input Current	3.5A to 2.5A
• Inrush Current	70A/100VAC 140A/230VAC
• Hold Up Time	≥8.3ms
• Turn On Time	≤3s

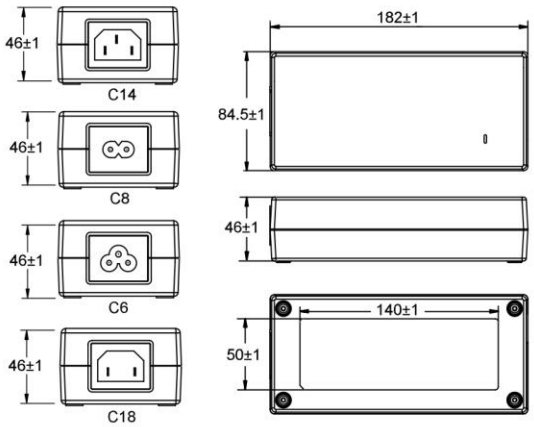
OUTPUT

• Short Circuit Protection	Auto Recovery
• Over Voltage Protection	Latch-off
• Over Current Protection	Auto Recovery
• Over Temperature Protection	Latch-off

ENVIRONMENT

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

Mechanical Specification



- Case Size: 182L x 84.5W x 46H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 1000g

SAFETY

- Certified for whole series: UL/cUL 60601-1, TUV EN 60601-1, CB IEC 60601-1, FCC, CE
- Certified for assigned models: NRCAN