

Medical AC/DC Desktop Adaptor

Features

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



EM1101 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)

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EM1101XA	80W	12~16V	0A	6.66A	$\pm 5\%$	$\pm 1\%$	240mV
EM1101XB	90W	12~16V	0A	7.5A	$\pm 5\%$	$\pm 1\%$	240mV
EM1101XC	90W	19~24V	0A	4.73A	$\pm 5\%$	$\pm 1\%$	360mV
EM1101XD	100W	12~16V	0A	8.33A	$\pm 5\%$	$\pm 1\%$	240mV
EM1101XE	100W	19~24V	0A	5.26A	$\pm 5\%$	$\pm 1\%$	360mV
EM1101XF	110W	12~16V	0A	9.16A	$\pm 5\%$	$\pm 1\%$	240mV
EM1101XG	110W	19~24V	0A	5.78A	$\pm 5\%$	$\pm 1\%$	360mV
EM1101XH	120W	12~16V	0A	10A	$\pm 5\%$	$\pm 1\%$	240mV
EM1101XM	120W	19~24V	0A	6.31A	$\pm 5\%$	$\pm 1\%$	360mV
EM1101XN	100W	48~56V	0A	2.08A	$\pm 5\%$	$\pm 1\%$	840mV
EM1101XP	130W	48~56V	0A	2.7A	$\pm 5\%$	$\pm 1\%$	840mV

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. Power (W) $\geq V_o \times I_o$

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current $\leq 2A$
- Inrush Current $\leq 120A/230VAC$
- Hold Up Time $\geq 8.3ms$
- Turn On Time $\leq 3s$

PROTECTION

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

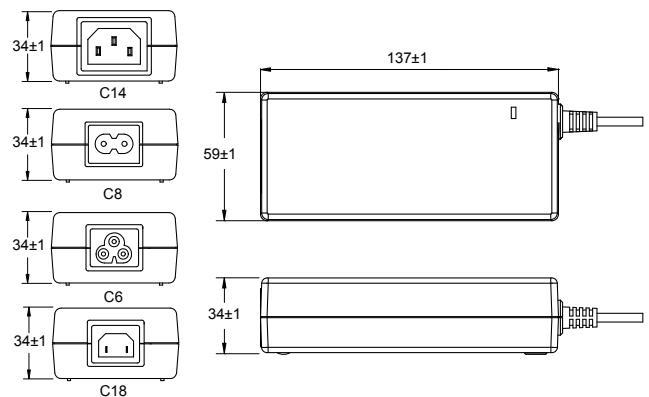
ENVIRONMENT

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

SAFETY

- Certified for whole series: ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, TUV EN 60601-1, CB IEC 60601-1, CE EMC(EN 60601-1-2) UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UKCA
- Certified for assigned models: RCM, NRCAN

MECHANICAL



- Case Size: 137L x 59W x 34H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 450g