MTE175-zzSX-F-W6

175 Watt AC/DC Medical Adapter

FEATURES

- DOE VI & EU ErP TIER2 COMPLIANT
- Medical 60601-1 3.1rd Edition approval
- 2X MOPP (means of patient protection)
- 5,000m altitude of operation
- ≦0.15W No Load Input Power
- Touch current less than 100 uA
- 3-pin IEC320-C14 standard model, C6 Class I and 2-pin IEC320-C18 or C8 Class II models available special order

2 years Warranty

		UNIT	
INPUT	**Voltage/Freq**	V	AC90V - 264V 47 / 63Hz
	Current (rms).	A	2.5A @115VAC; 1.3A @230VAC max
	Power Factor	-	> .95 @ 115vac; > .90@230vac @ full load
	Inrush Current	A	<50A peak @115VAC; <100A peak @230VAC cold start @25 C
	Leakage Current	uA	< 100uA @264VA

% A

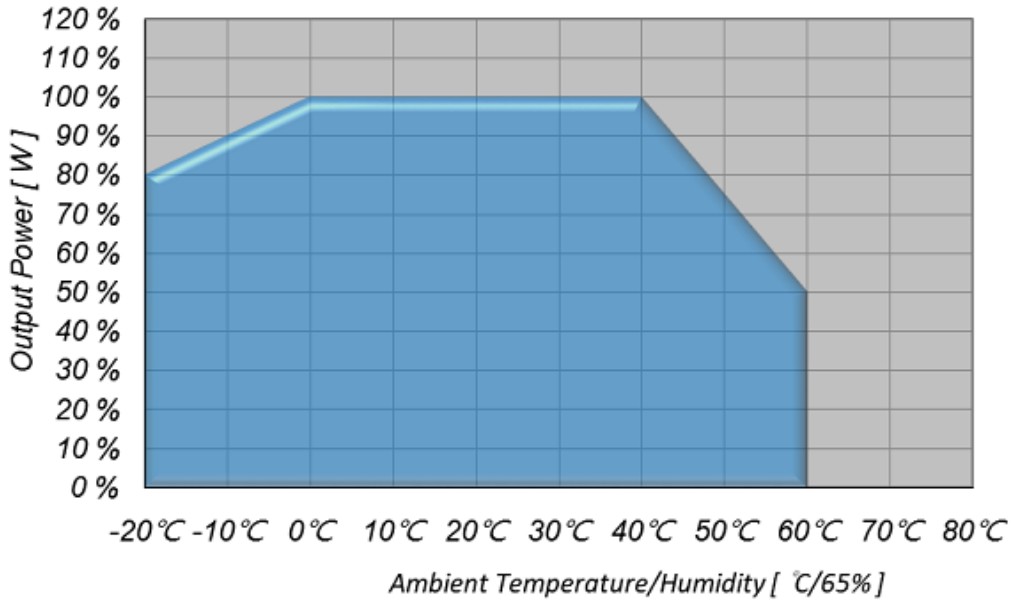
		UNIT	MTE175-12SX-F-W6	MTE175-15SX-F-W6	MTE175-19SX-F-W6	MTE175-24SX-
OUTPUT	**Nom Voltage**	VDC	12	15	19	24
	Efficiency typ		89	89	89	89
	Current		14.17	11.67	9.22	7.30
	Regulation		+/-5%	+/-5%	+/-5%	+/-3%
	Ripple Noise (v1)	mV	120 max	150 max	190 max	240 max

MTE175-54SX-F-W6				MTE175-36SX-F-W6	MTE175-48SX-F-W6	
OUTPUT	Nom Voltage	VDC	28	36	48	54
	Efficiency typ	%	89	89	89	89
	Current	A	6.25	4.87	3.65	3.25
	Regulation		+/-3%	+/-3%	+/-3%	+/-3%
	Ripple Noise (v1)	mV	280 max	360 max	480 max	540 max
	Holdup-Time	mS	> 10ms typical @full load, 115VA			

Protection	**Over Voltage**	Latching type, AC Recycle
	Over Current	105% to 150% maximum rating, Auto-recovery
Emission	**EMI/EMC**	IEC60601-1-2 Ed4:2014, IEC60601-1-2 Ed4:2015, EN55024, EN55011 Class B, EN55032 Class B, FCC Part 15 Class B, FCC Part 18 Class B, CE
Safety		UL60601-1 3.1rd , Edition, UL UL60950-1, UL62368-1, EN60601-1 3.1Rd Edition, TUV EN60950-1, TUV EN62368-1, IEC EN60601-1 3.1rd Edition, CB IEC 60950-1, CB IEC 62368-1
Environment	**Operating temp/humid**	-20 ~ +60℃, 0 ~ 90% RH(Non condensing) De-rates 2.5% per degree C linearly at 41-60°C)
	Storage temp/ humid	-20 ~ +85℃,
Size	**MM/G**	L170 × W85 H44 mm (6.69" 3.35" × 1.73") 785 grams (1.73 lbs)
MTBF		400,000 hrs

- Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 47uF electrolytic capacitor and a
- 0.1uF ceramic capacitor in parallel at output connector.

OUTPUT DERATING CURVE



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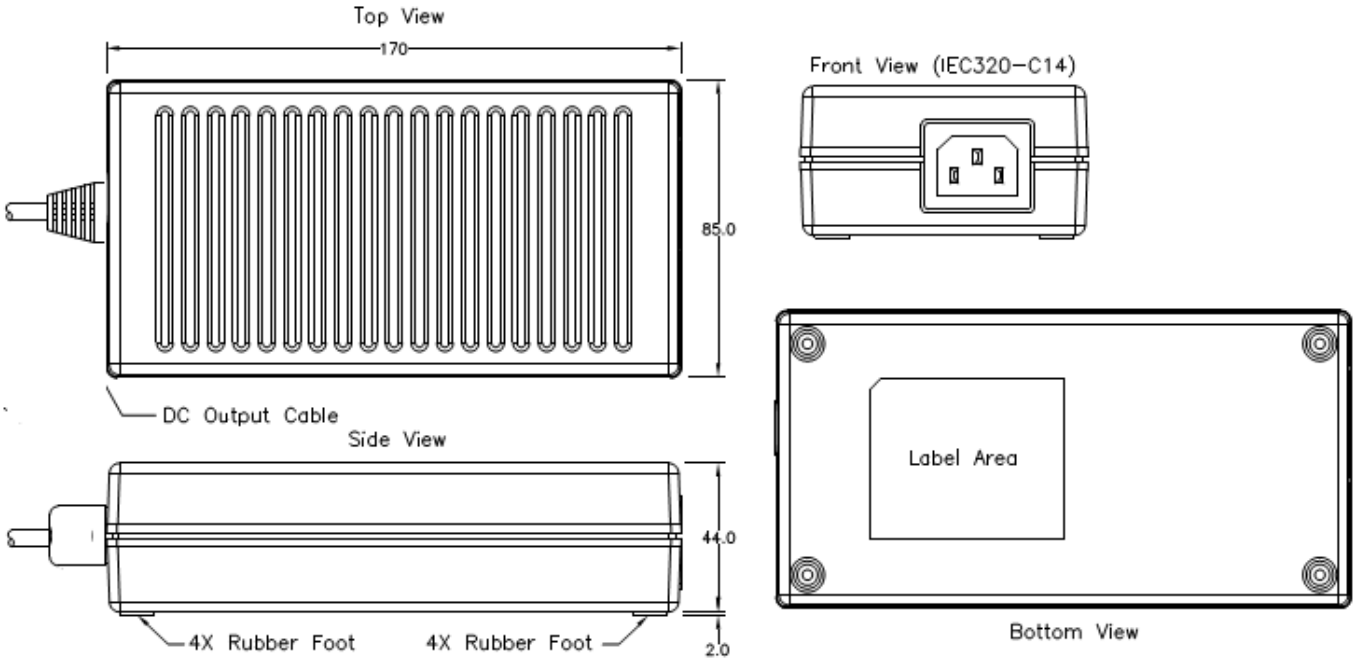
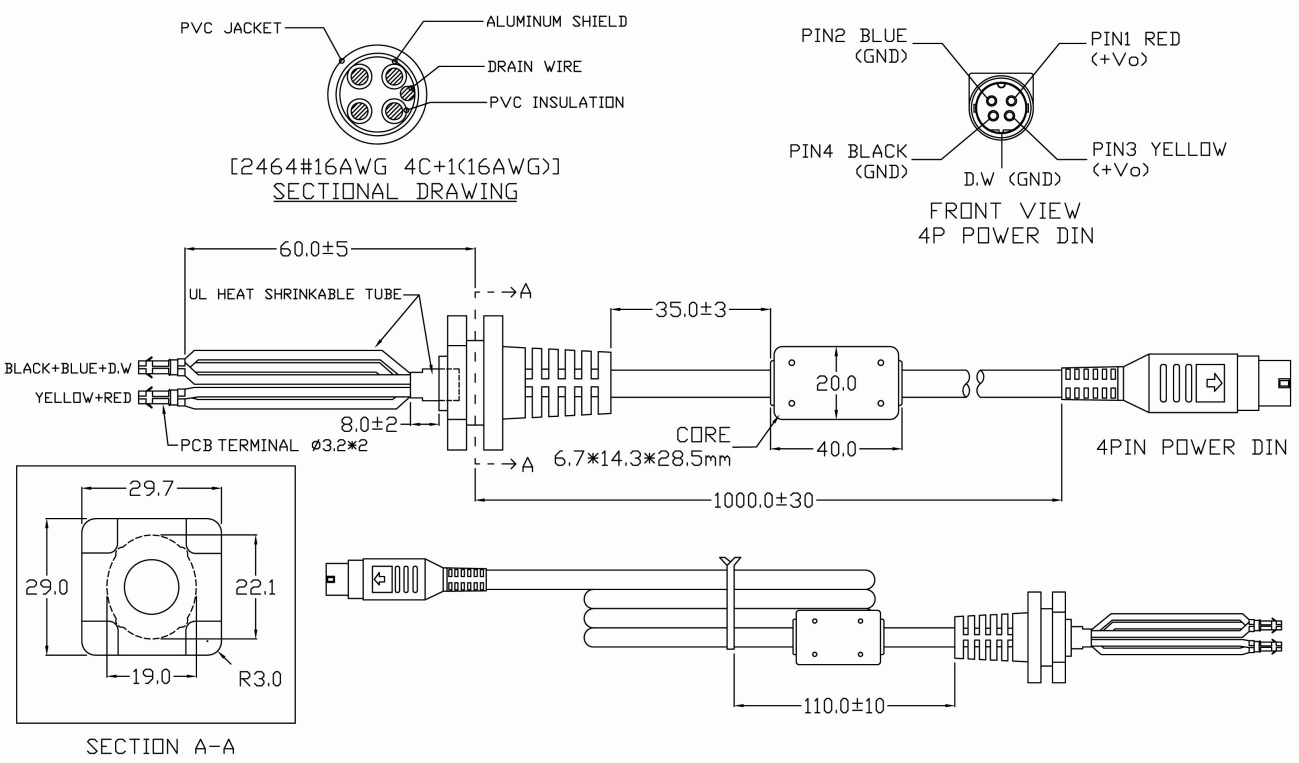
DIMENSIONAL DRAWING



STANDARD CONNECTOR DRAWING BELOW

(4 PIN POWER DIN)



1. AWM 2464 # 16 AWG / 3C + SHIELDING, UL 80°C 300V VW-1, 1050 mm. (12V, 15V & 19V)
2. AWM 2464 # 18 AWG / 3C + SHIELDING, UL 80°C 300V VW-1, 1050 mm. (24V, 28V, 36V, 48V & 54V)

****NOTE- Customer specified DC connector and AC input inlet options available, inquire at sales@eta-usa.com for more information**