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The Power Professionals

DTMF300-SX-W-F-W6

300W AC/DC Switching Adapter-Single Output



FEATURES:

ITE & Medical Approvals
Both 3-prong IEC320-C14, Class I and 2-prong IEC320-C18, Class II AC inlet
Medical applications Protection:
Means of patient protection (MOPP)
< 0.5 W No Load Input Power
Touch current less than 100uA both class I and class IIz
3 year warranty

Output voltage and constant current level can be adjusted through potential meter.
Constant current level adjustable through output cable with 1~10Vdc.

Power Factor : > 0.95 @115VAC;
> 0.90 @230VAC @full load

MODEL/CHANNEL		Unit	DTMF300-12SX-F-W6	DTMF300-19SX-F-W6	DTMF300-24SX-F-W6	DTMF300-36SX-F-W6	DTMF300-48SX-F-W6	DTMF300-54SX-F-W6
OUTPUT	Norminal Voltage	[V]	12	19	24	36	48	54
	Norminal Current	[A]	25	15.79	12.5	10.71	6.25	5.56
	Output Regulation	[A]	±5	±5	±5	±5	±5	±5
	Output Power	W	300	300	300	300	300	300
	Ripple & Noise Max	[mV]	240	300	300	300	300	300
	Turn-on Time Typ.	[ms]	800 (AC IN 100V, lo=100%)					
INPUT	Input Voltage Range	[V]	90-264VAC					
	Frequency:	[A]	47-63Hz					
	Input Current(rms):	[%]	3.2A @115VAC; 2.2A @230VAC max.					
	Power factor	-	> 0.95 @115VAC; > 0.90 @230VAC @full load					
	Efficiency	%	> 88% (Average) 25 %, 50 %, 75 % and 100 % of full load @ 115/230VAC					
	Earth leakage current	VAC	< 250uA @264VAC					
Protection	Short circuit protection	[V]	Auto Recovery					
	Over Voltage Protection	[A]	AC Recycle					
Environmental Agencies	Safety Standards	-	UL/c-UL UL60601-1 CB IEC 60601-1 TUV EN60601-1 TUV EN60950-1 CB IEC 60950-1 UL/c-UL UL60950-1					
	EMC Standards	-	EN60601-1-2 FCC Part 18 Class B EN 55011 Class B EN55022 Class B EN55024 Class B FCC Part 15 Class B CE					
Environment	Operating temp. & Humidity	-	0 to +60°C (Refer to "Derating Curve")					
	Storage temp. & Humidity	-	-20°C to +85°C					
	MTBF demonstrated	-	> 100K hours @full load and 25°C ambient temperature based on Bellcore TR-332					
Dimension	Size(WxHxD) / Weight	mm/g	L 220xW 112xH45 mm (8.66"x4.4"x1.77")/Weight : 1.57 kgs. (3.46 lbs.)					



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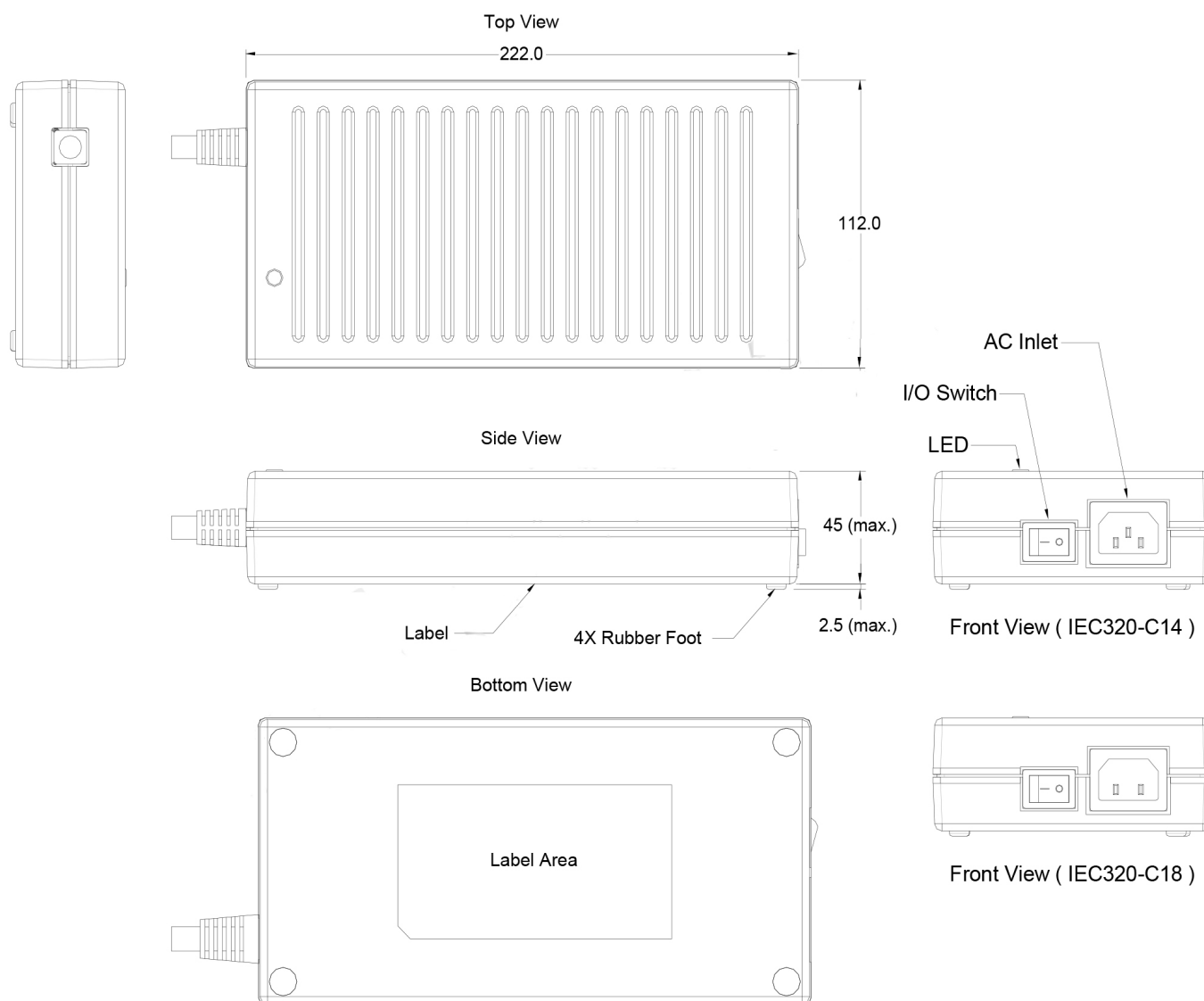
16170 Vineyard Blvd. Suite 180 Morgan Hill, CA 95037 <http://www.eta-usa.com>
Toll-free (US only): 800-ETA-POWR (800-382-7697) Telephone: 408 778-2793 FAX: 408-779-2753



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MECHANICAL SPECIFICATION 300W AC/DC Switching Adapter-Single Output



Note:

1. AC Inlet : IEC320-C14
2. Plastic Case Color : Black
3. Tolerance : $\pm 0.5\text{mm}$
4. Unit : mm

STANDARD OUTPUT CABLE

1. AWM 1571 # 14 AWG / 1C + SHIELDING, UL 80°C 30V VW-1, 1050 mm.
2. AWM 1185 # 16 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.



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Matching Connectors

DC Output Connector

Standard male plug(power supply side): 10 PIN Min Fit Pitch:4.2mm

Mating : Molex P/N: 39-28-1123 or equivalent.

DC output cable: 8C+1, UL2464, 16AWG, VW-1, 80°C, 300V

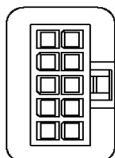
1. BROWN (GND)

2. BLACK (GND)

3. BLUE (GND)

4. GREEN (GND)

5. D.W. (GND/EARTH)



6. RED (+V)

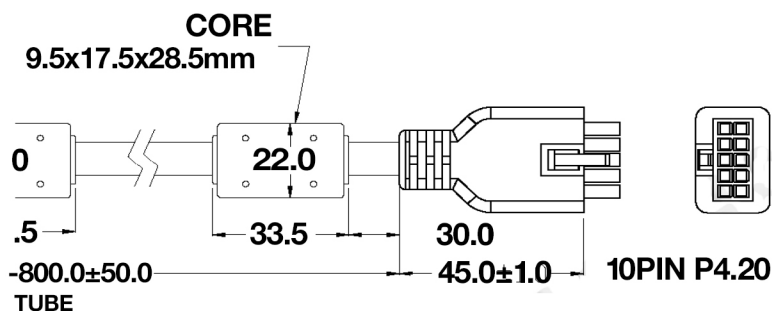
7. WHITE (+V)

8. YELLOW (+V)

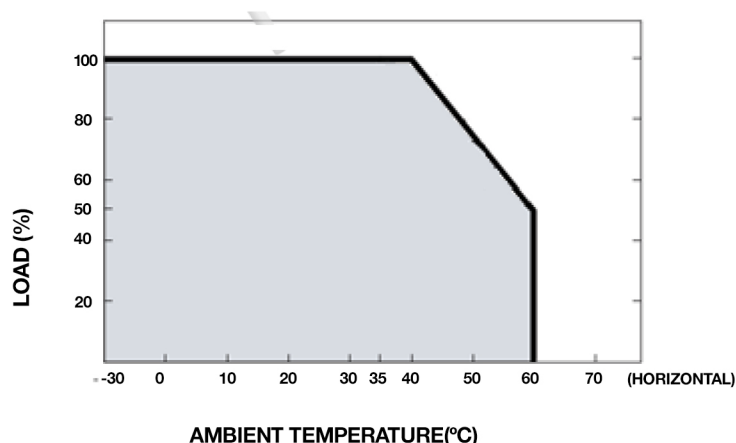
9. ORANGE (+V)

10. N.C.

FRONT VIEW
10P DIN



STANDARD OUTPUT CABLE



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