

45W UNIVERSAL SWITCHING ADAPTER

A. Electrical Specifications:

1. Input voltage: AC 90V–264Vrms, (AC100–240V rating)
2. Frequency: 47–63Hz (50/60Hz rating)
3. Output voltage and current

Model Straight Pin	Model (RA OPC)	DC Output Voltage	Min. Load	Max. Load
PAA1228N	PAA1228N7	12V	0A	2.8A
PAA1628N	PAA1628N7	16V	0A	2.8A
PAA1923N	PAA1923N7	19V	0A	2.35A
PAA2418N	PAA2418N7	24V	0A	1.87A

4. Input surge current 100A MAX under a cold start and 230Vrms
5. Efficiency: 88% TYP (with no cord) 86% TYP for 12V
83% TYP (including cord loss) for 12V
84% TYP (including cord loss) for 16V
85% TYP (including cord loss) for 19V

6. Standby Power: 0.5W MAX at Input = 230Vrms
7. Output Regulation: $\pm 5\%$ MAX at all input and load conditions
8. Ripple and Noise: 300mVp–p

Note: (a) Output voltage to be measured after 30 secs. minimum warm-up with 1.0A load.

(b) This is specified at any combination of input voltage, frequency, load current, humidity, or temperature within their respective limits.

(c) Output ripple and noise to be measured with 100uF capacitor.

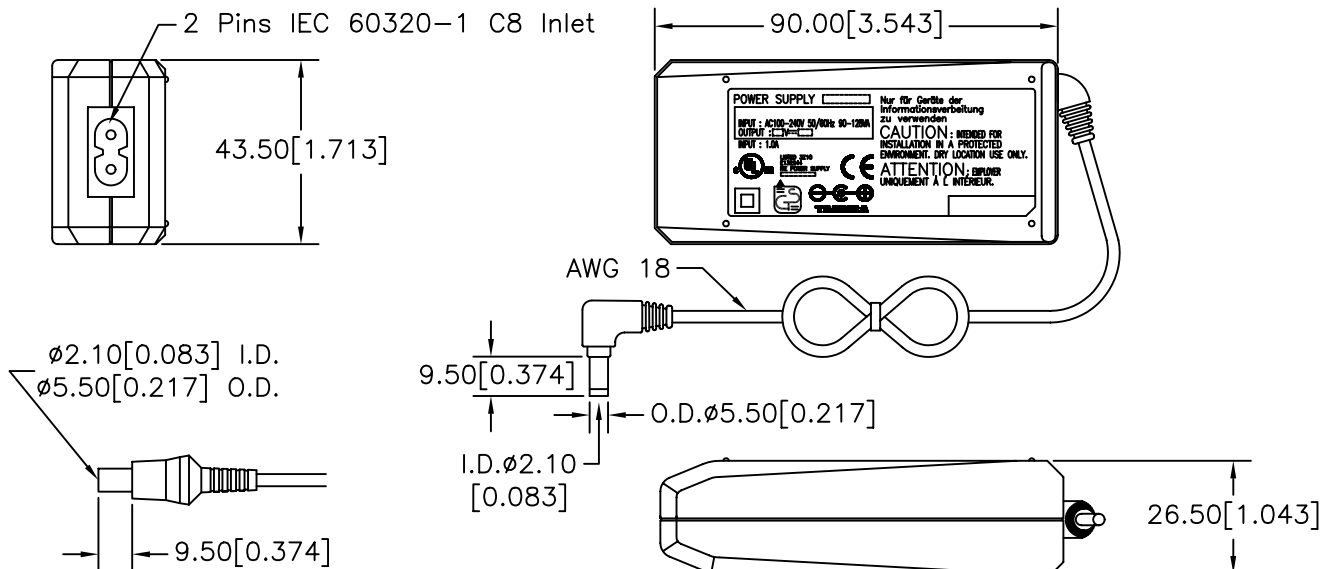
9. Overload Protection is provided (Constant current drooping characteristics)
10. Operating temperature: 0°C to +40°C
11. Operating Humidity: 10% to 90%
12. Storage temperature: –10°C to +70°C
13. Storage Humidity: 5% to 95%, non-condensing
14. EMC Characteristics: FCC part 15J Class B conducted, EN55022 Class B, VCCI Class B
15. Withstand voltage: AC 3000V rms 1 minute @ Input to Output or Chassis
16. Insulation resistance: 50M Ω minimum @ 500VDC Input to Output or Chassis

B. Safety: UL1950 and C–UL, EN60950, MITI

C. Nameplate: As shown

D. Mechanical Specifications:

1. All dimensions nominal unless otherwise specified.
2. Output Plug: EIAJ 6705, 5.5 x 2.1 x 9.5, R Angle Center Positive (standard in PAAXXX"7")
No suffix is EIAJ 6705, 5.5 x 2.1 x 9.5, straight, center negative



PREPARED BY:

D. Rund
ENGINEER:T. Kikuchi
QUALITY CONTROL:T. Clem
APPROVED:

J. Coleman

DWG CONTROL NO.
P-A7-12735
ACAD\PS\A7127351.DWGREV
A45W UNIVERSAL
SWITCHING ADAPTER**TAMURA CORPORATION OF AMERICA**
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482**PAA SERIES**

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.