

TAMURA VDE WALL PLUG-INS, 220VAC, 50Hz.

DC Unregulated & DC Regulated

file nos. 7969-330,331

Tamura wall plug-ins enable smaller, cooler running designs - with no safety agency restrictions. End-products will be lighter, more portable, easier to build and less costly. Over 30 million units shipped last year - no returns. 600 OEM models with UL, CSA, VDE, MITI, CEE and SAA listings are available.

DC OUTPUT UNREGULATED WITH VDE FOR EUROPEAN WALL PLUG

VDE MODEL NO.	RATED OUTPUT		OUTPUT VDC ¹			PLUG TYPE	PRICE (qty)			
	VOLTS DC	ma DC	100% FL 198VAC	100% FL 242VAC	10% FL 242VAC		1-9	10-24	25-99	100up
818F4225	6.0	400	5.40	7.20	8.70	I	\$16.70	\$14.20	\$13.40	\$11.70
525F4421	6.0	1200	5.20	7.20	9.50	I	32.70	27.80	26.20	22.90
818F4120	9.0	500	7.90	10.60	13.90	I	17.60	15.00	14.10	12.30
818F4124	12.0	500	10.40	14.00	19.10	O	17.60	15.00	14.10	12.30
525F4425	12.0	1000	10.20	13.50	18.10	I	32.70	27.80	26.20	22.90

Note 1: Typical output voltage for % load (FL) and line (VAC) indicated.

DC OUTPUT REGULATED WITH VDE FOR EUROPEAN WALL PLUG

VDE MODEL NO.	RATED OUTPUT		REGULATION		PLUG TYPE	PRICE (qty)			
	VOLTS DC	ma DC	LINE VDC	LOAD VDC		1-9	10-24	25-99	100up
818FR4104	6.0	400	±0.10	±0.15	I	\$24.30	\$20.70	\$19.40	\$17.00
818FR4107	9.0	300	±0.10	±0.15	I	24.30	20.70	19.40	17.00
818FR4109	12.0	250	±0.10	±0.15	I	24.30	20.70	19.40	17.00

FEATURES

- VDE Licensed (Europe).
Input: 220VAC ±10%, 50Hz.
- EMI: Meets VDE 0871, Class B.
- Short Circuit Protection.
- Thermal Protection.
- 100% Testing.
- Temp Range: 0 to +40°C.
- Case Temp Rise: 35°C max.
- Oper Humidity: 10-90% RH.
- Mat'l: ABS resin/UL 94-V0.
- Color: Black.
- No Audible Noise.

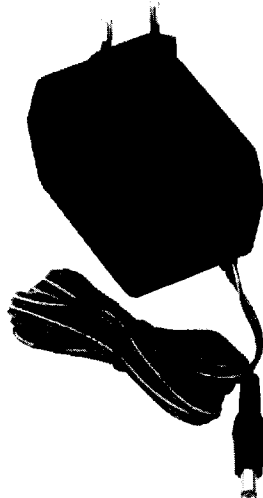
REGULATED MODELS:

- Load Reg: Spec'd for ±20%
- chg from 80% FL.
- Line Reg: At FL, 10% line chg.
- Ripple: 10mV rms typ.

FIG. 1 UL/CSA



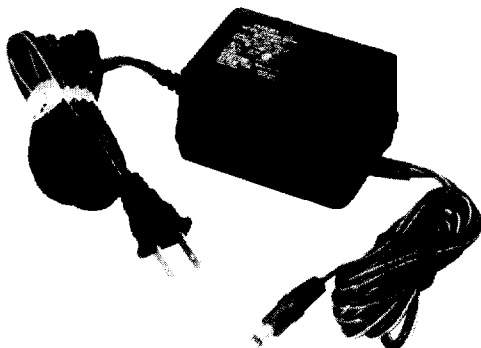
FIG. 2 VDE



MECHANICAL DIMENSION TABLE

SERIES PREFIX	LENGTH (L) mm (inch)	WIDTH (W) mm (inch)	HEIGHT (H) mm (inch)	WEIGHT gm (oz)	FIG No.
212A	53 (2.09)	36 (1.42)	35 (1.38)	120 (4.23)	1
216A	53 (2.09)	36 (1.42)	38 (1.50)	140 (4.94)	1
310A	60 (2.36)	45 (1.77)	35 (1.38)	150 (5.29)	1
310F	58 (2.28)	45 (1.77)	39 (1.54)	190 (6.70)	2
318A	60 (2.36)	45 (1.77)	42 (1.65)	190 (6.70)	1
416A	61 (2.40)	55 (2.17)	41 (1.59)	230 (8.11)	1
420A	61 (2.40)	55 (2.17)	41 (1.59)	270 (9.52)	1
420AR	61 (2.40)	55 (2.17)	41 (1.59)	270 (9.52)	1
521A	85 (3.35)	63 (2.48)	52 (2.05)	520 (18.34)	3
525F	100 (3.94)	68 (2.68)	62 (2.44)	610 (21.52)	3
630A	114 (4.49)	75 (2.96)	61 (2.40)	1134 (40.00)	3
811A	84 (3.31)	56 (2.20)	35 (1.38)	260 (9.17)	1
816A, AR	81 (3.19)	59 (2.32)	52 (2.03)	297 (10.48)	1
818F, FR	75 (2.95)	55 (2.17)	50 (1.97)	370 (13.05)	2
820A	82 (3.23)	60 (2.36)	50 (1.97)	420 (14.81)	1
820A-G	82 (3.23)	60 (2.36)	55 (2.17)	420 (14.81)	1
825A	82 (3.23)	60 (2.36)	50 (1.97)	490 (17.28)	1
825A-G	82 (3.23)	60 (2.36)	55 (2.17)	490 (17.28)	1
825AR-G	86 (3.39)	69 (2.90)	57 (2.24)	630 (22.22)	1

FIG. 3 PLUG TO PLUG



OUTPUT PLUG DIMENSIONS

PLUG TYPE	D1 (mm)	D2 (mm)	L (mm)	MALE/FEMALE	TIP (+/-)	FIG No.
I	5.5	2.10	9.5	FEMALE	-	4
F	5.0	2.50	11.5	FEMALE	-	4
L	5.5	2.10	16.0	FEMALE	+	4
O	5.5	2.55	12.40	FEMALE	+	4
SI	5 Pin DIN Connector				N/A	N/A
U	Universal/Reversible Connector				REV	6
Y	3.5	3.00	14.0	MALE	+	5

FIG. 4 FEMALE

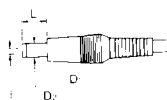


FIG. 5 MALE

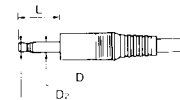


FIG. 6 "J" PLUG

