

INTERNATIONAL "DUAL PURPOSE" STEP-DOWN OR STEP-UP AUTO TRANSFORMERS DESIGNER LINE - CONTINUOUS DUTY

Operate Appliances And Equipment On Foreign Or North American Voltages

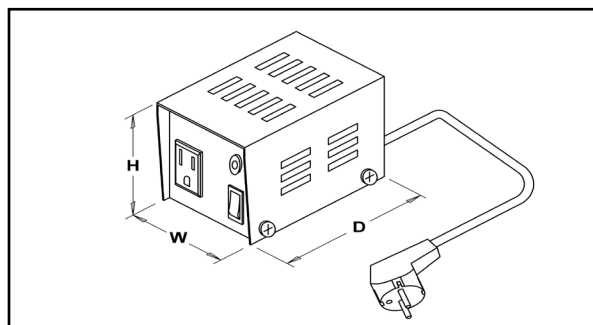
STEP-DOWN: USE AMERICAN APPLIANCES IN EUROPE, 220/240 Volt Input - 110/120 Volt Output 50/60 Hertz

STEP-UP: USE FOREIGN APPLIANCES IN NORTH AMERICA, 110/120 Volt Input - 220/240 Volt Output 50/60 Hertz

DESIGN FEATURES

1. Step-down output is a NEMA 5-15R (15 ampere 125 volt) grounded receptacle(s). * **Receptacle on these units are duplex type.**
 2. Step-up output is a combination European grounded and non-grounded outlet.
 3. European "SCHUKO" CEE 7-7 plug with five foot line cord.
**34300-EU with two foot line cord and "SCHUKO" CEE 7/7 plug.
 4. On / Off power switch.
 5. Power indicator light.
 6. Fused, replacement fuse on all units included.
 7. Durable carrying handle on 800, 1000, 1500, 2000 and 3000 watt models.
- Auto transformers change voltage levels and not frequency from 50 to 60 cycle (hertz) or vice versa. Appliances using synchronous motors should have the motor designed for the specific frequency if motor speed is critical for proper operation of the appliance or equipment.
- **NOT** recommended for use with refrigerators.

CATALOG NUMBER	WATTS (VA)	WEIGHT LBS.	DIMENSIONS		
			H	W	D
34010-EU	100	3	3"	3"	5"
34020-EU	200	5	3 1/4"	3 1/2"	5 3/4"
34030-EU	300	5	3 1/2"	3 3/4"	6"
34050-EU	500	6.5	3 1/2"	4"	6 1/2"
34080-EU*	800	14	4 1/2"	5 1/4"	7 1/2"
34100-EU*	1000	17	4 3/4"	6 1/4"	9"
34150-EU*	1500	23	5 3/4"	6 3/4"	9 3/4"
34200-EU*	2000	27	6"	7 1/2"	9 3/4"
34300-EU**,**	3000	29	5 3/4"	7"	9 3/4"



NOTE: FOR STEP-DOWN APPLICATIONS

• Adapters Catalog Nos. 30220 (Australia/China), 30140 (U.K.), 30150 (Italy), 30160 (Italy), 30170 (Switzerland), 30195 (South Africa) and 30295 (Israel) can be used when mating the auto transformer line cord plug with receptacles used in those countries.

NOTE: FOR STEP-UP APPLICATIONS

• Adapter catalog Nos. 30130 can be used when mating the auto transformer line cord plug with North American NEMA 5-15R receptacles.

50 WATT STEP-DOWN AUTO TRANSFORMER

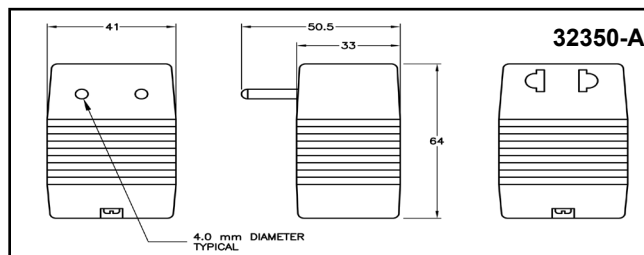
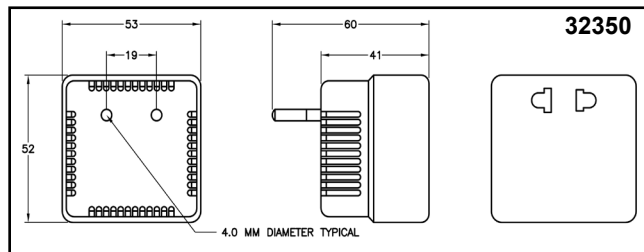
Catalog No. 32350

Catalog No. 32350-A

Allows NEMA 1-15P (2 pole 2 wire) polarized and non-polarized plugs, NEMA 5-15P (2 pole) plugs to mate with almost all European / International receptacles that accept 4.0 mm or 4.8 mm round pins. Designed for use with small electronic or motorized appliances rated 50 watts or less. Changes 220/240 input voltages to 110/120 output voltage. Will not convert frequency from 50 to 60 cycle (hertz) or vice versa.

- **NOT** for use with heating appliances. I.E., lamps, hair dryers, hot plates, irons, steamers and heating pads, etc.

- Grounding continuity not provided when NEMA 5-15P plugs are used with Catalog No. 32350, 32350-A, 32360



1650 WATT STEP-DOWN VOLTAGE CONVERTER CONVERTS 220-240 VOLT FOREIGN ELECTRICITY TO 110-120 VOLT

Catalog No. 32360 - Dual Setting Converter

- "LO" setting: 0-50 watts. For appliances not exceeding 50 watts: calculators, rechargers, shavers, radios, electric toothbrushes.
- "HI" setting: 50-1650 watts. For "heating" appliances not exceeding 1650 watts: coffee makers, hair dryers, travel irons, stylers/curlers, clothes steamers.
- **NOT** for use with electronic or motorized appliances.

