

Power To Phase Adapter For Use With Models PEL 102 & PEL 103



WARNING:
FOR USE ONLY ON 600 V CAT III
POLLUTION 2 INSTALLATION

POWER ADAPTER FOR PEL

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ORDERING INFORMATION

Adapter - 600 V CAT III Power to Phase Adapter for use with
Models PEL102 and PEL103 **Cat. #2137.90**

Accessories and Replacement Parts

Set of 12 Color-coded Input ID Markers **Cat. #2140.45**




USE



WARNING: Use Only on CAT III Pollution 2 Location

The power adapter is used to supply the device when it is used for an extended period. The internal battery of the PEL remains charged, enabling the device to continue to operate in the event of a power outage up to 30 minutes.

- Connect the adapter to the voltage inputs of the PEL.
- Connect the C7 plug from the adapter to the  input of the PEL.
- Connect the voltage inputs to the adapter, following the markings on the adapter. Connect the current inputs directly to the PEL, per normal operation (see the illustration on page 5).

The L1 and N or L1 and L2 voltage inputs must be connected for the adapter to operate.

The adapter can operate on (50 and 60) Hz networks.

SPECIFICATIONS

Electrical

Range of use	Phase-to-neutral voltage: (100 to 346) VAC Phase-to-phase voltage: (100 to 600) VAC
Max. input voltage	Permanent: 660 VAC
Max. output voltage	360 V peak
Frequency	(50 and 60) Hz
Consumption	100 VA max at (50 and 60) Hz

Environmental

Operation: (32 to 122) °F (0 to 50) °C and (10 to 85) % RH
Storage: (-4 to 158) °F (-20 to +70) °C and (0 to 95) % RH
Indoor use: Level of pollution: 2; IEC 61010-1 600 V CAT III
Altitude: < 6562 ft (< 2000 m); Storage: < 32,808 ft (< 10,000 m)

Mechanical

Dimensions (L x H x D): (5 x 3.8 x 1.5) in (127 x 97 x 39) mm
Weight: 7 oz (200 g) approximately
Cord: 11 in (30 cm) approximately
Ingress protection: IP 40 per IEC 60529 except for terminals (IP20)
IK 04 per IEC 50102
Drop Test: 3.3 ft (1 m) per IEC/EC 6101-2-030 or BS EN 61010-2-030

Electromagnetic compatibility: Emissions and immunity in an industrial setting compliant with IEC 61326-1 or BS IEC/EN 61326-1

Safety: 600 V CAT III IEC/EN 61010-2-30 or BS EN 61010-2-030

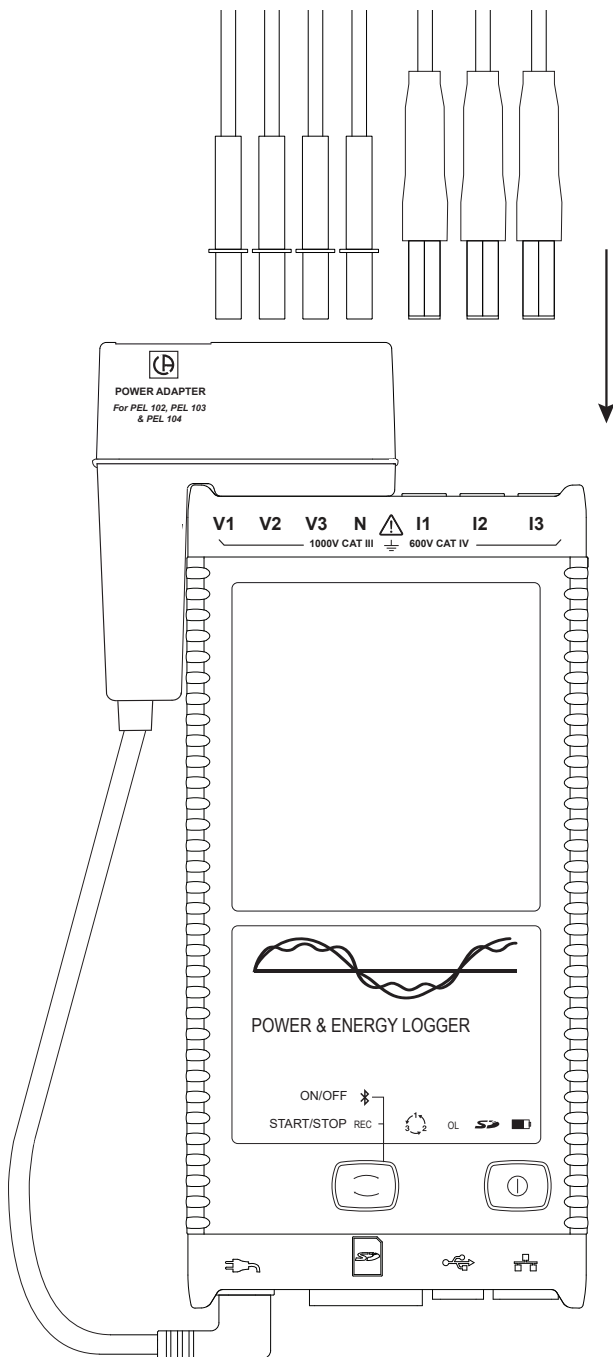
Specifications are subject to change without notice.

MAINTENANCE

This instrument contains no parts that can be replaced by personnel who have not been specially trained and accredited. Any unauthorized repair or replacement of a part by an equivalent may impair the safety rating.

Cleaning: Disconnect all inputs to the device and remove from the PEL. Clean with a soft cloth moistened with soapy water. Wipe dry completely.

Repair: For all repairs, please contact the AEMC® Instruments or your local distributor.





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