

POWERMASTER® MODEL 335V

PowerMaster® 6 Series Accessory



- ▶ **Battery Powered Voltage & Current Source - No VAC Required**
- ▶ **CT Added Burden Testing**
- ▶ **One Lightweight Package- Includes Storage of Cables and Probes**

RADIAN
Research

Power and Energy Measurement Solutions

We Are The STANDARD

The PowerMaster® Model 335V Load Box is the first battery-powered voltage and current source for the industry-leading handheld PowerMaster® 6 Series analyzers. By utilizing a Model 335V with a PowerMaster® 6 Series, the user will have the ability to perform phantom load meter testing up to 277 VAC and 5A while implementing the new current harmonic waveforms from the ANSI C12.1.

POWERMASTER® MODEL 335V

Battery Powered Voltage & Current Source & CT Added Burden Accessory

Direct Inputs

AC Current:

3 inputs, 100mA to 20A RMS

AC Voltage:

3 inputs, 69V to 480V RMS

Aux Power:

1 input, 120 to 277 VAC (with integrated AC adapter)

Voltage Source

AC Voltage:

3 Outputs, 69-277 VAC RMS (phase-neutral)

Power Factor:

-1.00 to 1.00

Current Source

AC Current:

3 Outputs, 100mA to 5A RMS max

Power Factor:

-1.00 to 1.00

CT Added Burden Test

Automated, User Selectable 0.1, 0.5, 1.0, 2.0, and 4.0Ω

Environmental

Operating Temperature:

0°C to +50°C

Operating Humidity:

<95% RH, non-condensing @ 23°C

Battery

Customer Replaceable Battery 6800mAh Li-ion

4 Hour Charging Cycle (0-40°C)

Vehicle Charging adapter for in-vehicle charging

Built in 277V charger using a standard IEC C14 plug

Weight

Package (includes case & 6 Series): 28 lbs.

Warranty

2 Years

All specifications subject to change.

FEATURES

Load Box & Added Burden

- Battery Powered
- CAT IV 600V Safety Rating
- Current Up to 5A Max
- Voltage up to 277 VAC
- Added Burden Up to 4Ω
- CT Demagnetization

Safety:

Isolation Protection:

IEC 61010-1

Measurement Category:

CAT IV 600V*

Degree of Protection:

IP-40*

Applications:

Substation Meter Testing

Wh, VARh, VAh

CT Added Burden Testing

Forward Energy Flow

Reverse Energy Flow

Element Testing

Calibration Verification

* Safety tested as an approved accessory with the CAT IV 600V version of the 3 or 6 Series to maintain IEC 61010 compliance



A Product Family
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