

POWERMASTER® MODEL 335V

PowerMaster® 3 & 6 Series Accessory



*World's First
Battery Powered Current
& Voltage Source*

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



POWERMETRIX

The 335V is the first battery powered voltage and current source for the industry leading handheld PowerMaster® 3 & 6 Series analyzers. By utilizing a Model 335V with a PowerMaster® 3 or 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 ANSI C12.1. In addition, this accessory will give the user the ability to perform a CT Added Burden, Direct Burden measurement, and CT Demagnetization. The compact size of the 335V provides storage of all the standard test accessories of the lightweight PowerMaster® 3 or 6 Series analyzers. Powermetrix continues to Raise the Standard of versatility, functionality and portability.

RAISING THE STANDARD

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 240 VAC

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)

Built in 240V charger using a standard IEC C13 plug

Weight

28 lbs. (including case and 3 or 6 Series)

Dimensions

21 in x 17 in x 8.5 in

Warranty

2 Years

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, I²h

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

All specifications subject to change.



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