

# POWERMASTER® MODEL 335V

PowerMaster® 3 & 6 Series Accessory



- ▶ **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 5A while implementing the new voltage and current harmonic waveforms from ANSI C12.1. In addition, this accessory will give the user the ability to perform a CT Added Burden test, 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<sup>®</sup> 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 & 3 or 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

**TEC**

TECHNOLOGY  
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