

# Triacta Power Solutions

Multi-point Submetering Solutions for  
Energy Management and Tenant Billing

## TESTED AND APPROVED

Triacta's multi-point meters are CDFR certified, NYPSC listed, Measurement Canada approved, and independently verified to ANSI C12.20 Class 0.5.

## HIGHLY RELIABLE

Triacta revenue grade meters have obtained Measurement Canada's coveted 10 year extended initial seal period, while our energy management meters have received the highest level of BACnet compliance (BTL listed) in the industry.

## EASILY INTEGRATED

An open systems, standards-based approach means easy integration into existing energy management, tenant billing, and building automation systems.



*Triacta PowerHawk Meters – CDFR certified, NYPSC listed, Measurement Canada approved, and independently verified to ANSI C12.20 Class 0.5*

# Energy Management Meters

Meter or monitor remote loads in multi-tenant buildings, commercial, industrial, or institutional spaces

## PowerHawk 4000 Series

Triacta's Energy Management Meters are designed to meter or monitor remote loads, multi-tenant buildings, commercial, industrial or institutional spaces — or any application that needs to integrate with building automation systems.

- ✓ Fast installation for new construction or retrofits
- ✓ Supports metering of up to 24 individual circuits with one device
- ✓ Measures Wh delivered & received, VARh delivered & received, VAh, Vrms, Irms
- ✓ Meters can be read on-site or remotely
- ✓ Built-in MODBUS® TCP and BACnet® protocols for easy building automation integration or push data directly to cloud services
- ✓ Uses existing wireless, phone, or high-speed internet connections

### ADVANCED IP-BASED COMMUNICATIONS

All PowerHawk meters (energy management and revenue grade) use advanced IP-based communications to transmit data over existing wireless, phone, or high-speed Internet connections — without the cost of a dedicated service. No additional computers or meter reading equipment need to be purchased or maintained.

Triacta meters are built using industry standard protocols. Meter firmware can be upgraded remotely — making the meters future-proof for years to come.



## Meter Configurations

PowerHawk energy management meters come in two configurations — for low or high density metering applications.

### PowerHawk 4X06 Low Density Meter

The PowerHawk® 4X06 is designed to meter or monitor branch offices, remote loads, and other low density metering applications. The PowerHawk 4X06 provides six meter elements that can be configured for 1, 2 (network), and 3 element meters.

### PowerHawk 4X24 High Density Meter

The PowerHawk® 4X24 is a high density energy management meter designed for multi-tenant buildings, medium-sized retail and institutional spaces, or any other high density application. The PowerHawk 4X24 meter provides twenty-four meter elements that can be configured for 1, 2 (network), and 3 element meters.

# Revenue Grade Meters

CDFA certified, NYPSC listed, Measurement Canada approved, and independently verified to ANSI C12.20 Class 0.5

## PowerHawk 6000 Series

The PowerHawk 6000 series of meters combines revenue-grade electrical submetering with advanced communications technology and are CDFA certified, NYPSC listed, Measurement Canada approved, and independently verified to ANSI C12.20 Class 0.5 standards.

## Meter Configurations

PowerHawk revenue grade multi-point meters come in three configurations to satisfy different densities of application.

### PowerHawk 6X03 Low Density Meter

The PowerHawk® 6X03 is designed to meter or monitor branch offices, remote loads, and other low density applications. The 6X03 provides six meter elements that can be configured for 1, 2 (network) and 3 element meters.

### PowerHawk 6X12 High Density Meter

The PowerHawk® 6X12 is designed to meter or monitor multi-tenant office buildings, medium-sized retail, industrial, or institutional buildings, multi-tenant residential buildings, and other high density applications. The 6X12 provides twenty-four meter elements that can be configured for 1, 2 (network) and 3 element meters.

### PowerHawk 6X20 High Density Meter

The PowerHawk® 6320 is also designed for high density applications, but has more meter elements available for configuration. The 6320 provides fifty meter elements that can be configured for 2 (network) or 3 element meters.



- ✓ CDFA certified, NYPSC listed and independently verified to ANSI C12.20 Class 0.5
- ✓ Fast installation for new construction or retrofits
- ✓ Supports revenue-grade metering of up to 24 individual circuits with one device
- ✓ Measures Wh delivered & received, VARh delivered & received, VAh, Vrms, Irms
- ✓ Meters can be read on-site or remotely
- ✓ Built-in MODBUS® TCP and BACnet® protocols for easy building automation integration or push data directly to cloud services
- ✓ Uses existing wireless, phone, or high-speed internet connections

# Meter Configuration and Resource Management

Every Triacta meter includes PowerHawk Manager — our Software as a Service offering that combines meter management, automated data collection, powerful analysis tools and flexible billing capabilities — everything needed to create and manage a metering infrastructure.

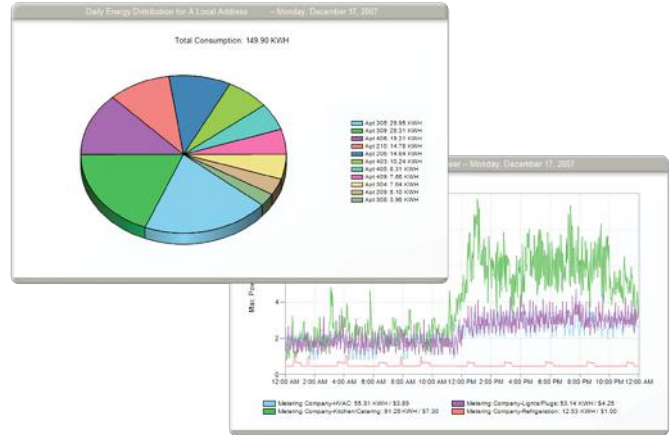
## Meter Management

PowerHawk meters can be programmed on site or remotely. Configuration and management is simple and straight-forward. On-site programming can be performed from a PC-based configuration tool. Alternatively, connecting a meter to the Internet can immediately download a pre-programmed configuration. The latter approach streamlines multiple meter deployments — reducing installation time dramatically.

Once configured, an extensive set of meter management tools in PowerHawk Manager allow operators to monitor meter operation and receive notification of extraordinary events to ensure the integrity of energy information.

## Resource Management

PowerHawk® Manager is a complete metered resource management system that combines automated data collection, powerful analysis tools and flexible billing capabilities — delivering stakeholders as much or as little information as they need, at the office or remotely — 24/7.



And with PowerHawk Manager's live update dashboard, all stakeholders can be kept apprised of critical resource use information in a timely and convenient way, on personal devices or public monitors.

## Software as a Service

Most multi-tenant metering systems are managed through onsite meter management systems, proprietary gateways, or dedicated server-based applications. Installing these systems presents obstacles to provisioning, accessibility, and flexibility. With PowerHawk Manager Software as a Service (SaaS), there are no distracting set-up issues or deployment costs, no software licensing fees, and there's no hardware to buy.

## About Triacta

Triacta Power Solutions designs and manufactures advanced metering systems for energy management and tenant billing in multi-unit commercial, institutional and residential applications.

Long known for its high-reliability, revenue-grade, multi-protocol submetering products, Triacta's meters have been deployed by submetering companies, property owners, building system integrators, and local distribution companies since 2003.

## More Information

For more information about Triacta's advanced submetering solutions, visit [www.triacta.com](http://www.triacta.com), email [info@triacta.com](mailto:info@triacta.com), or call 1-877-797-4295, 1-613-256-2868 or in the U.S. 1-214-280-2556

