

Sub-Metering Conversion Kit

Accurate electric metering for campgrounds & RV parks

Power Every Site - Billed Accurately

Whether you manage a campground, RV resort, or seasonal park, Vision Metering's **Sub-Metering Conversion Kit** lets you retrofit existing meter sockets quickly and affordably — turning a single utility feed into accurately billed, individually metered campsites.

Built for outdoor and pedestal environments, the kit is weather-ready, code-compliant, and designed for straightforward installation by a licensed electrician — no need to replace your entire pedestal or panel.

PART NO. VM-CONV KIT

\$40.00

What's In the Box

100A 4-Term Cast Socket

Close Nipple, 1" Galvanized

(4) Slot 1" Hub Fitting

(4) Hex Head Screws

Meter Seal & Lock Ring

Extruded Hub Opening

Watt-hour meter and wiring supplied by customer/electrician. See reverse side for full install diagram and part numbers.



VM-CONV KIT — Complete Conversion Kit Components

What Is Electric Sub-Metering?

Most campgrounds and RV parks are built on a single master utility meter, meaning the park owner pays one collective electric bill for every site — regardless of how much power each guest actually uses. **Electric sub-metering** installs an individual meter at each site or pedestal, downstream of the main service, so usage can be tracked and billed site-by-site.

For campground and RV park owners, this means guests pay for the power they consume — whether they're running a small pop-up camper or a full-size Class A motorhome with air conditioning, slide-outs, and appliances running around the clock. It curbs energy waste, recovers rising utility costs, and creates fair, transparent billing for every guest.

 Recover rising electric costs instead of absorbing them into site fees

 Encourage energy-conscious guest behavior

 Detect overloaded pedestals or faulty RV wiring early

 Support seasonal, long-term, and transient site billing alike

Built to Handle Life at the Campsite


Weather-Ready

Sealed for sun, rain, and seasonal swings.


Simple Retrofit

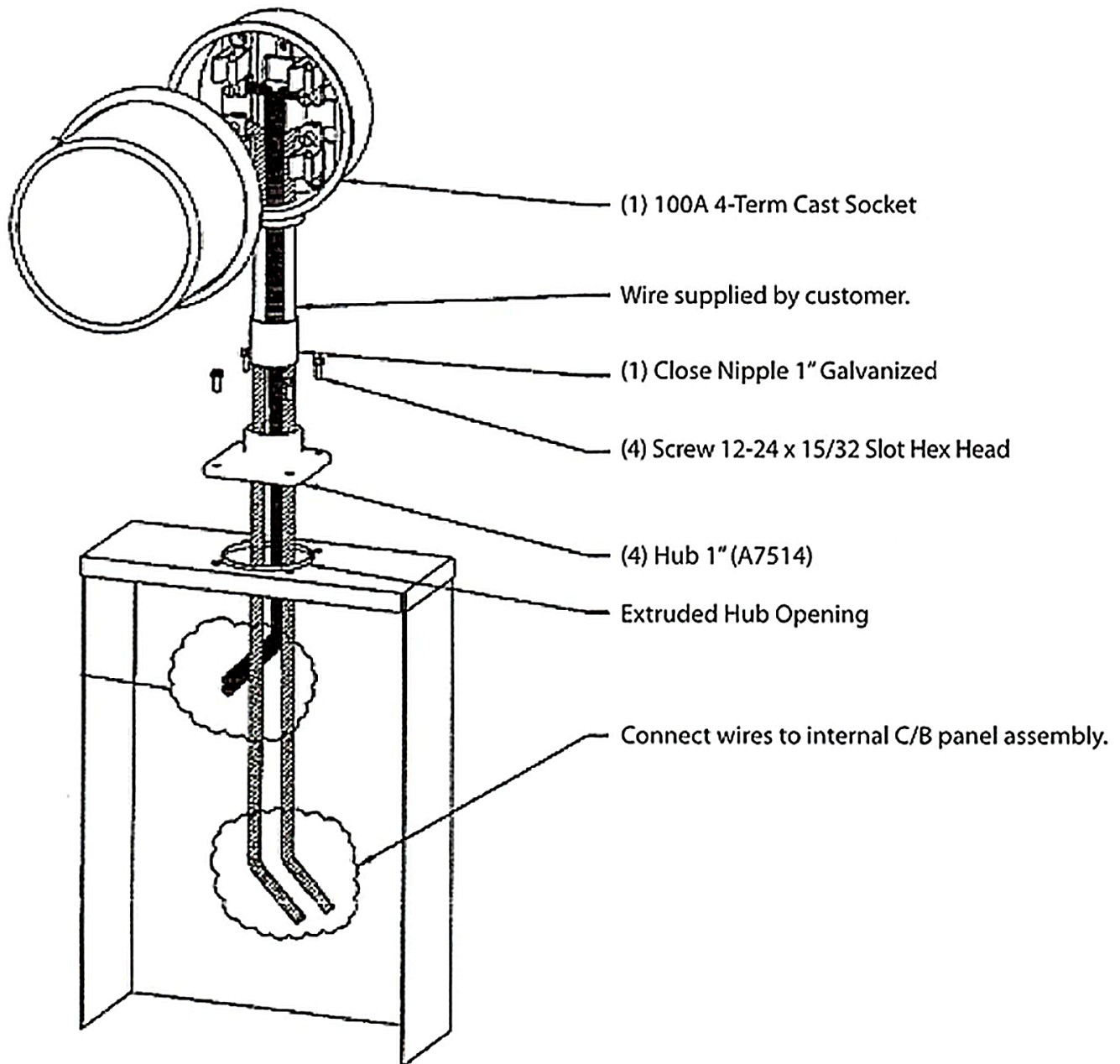
Converts your existing meter socket easily.


Room to Grow

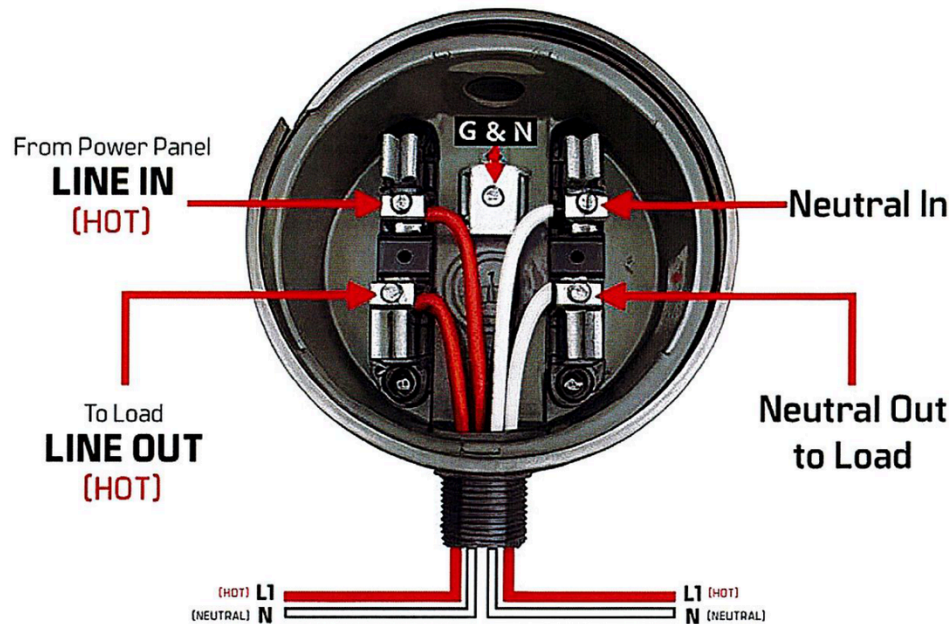
Supports walk-up, KYZ, ModBus, or cellular.

How the Conversion Kit Installs

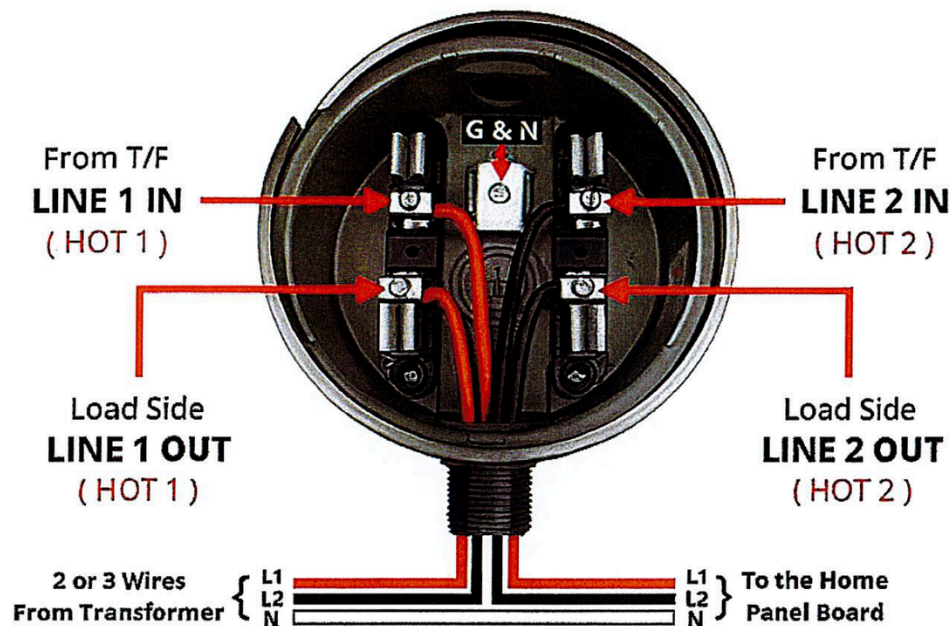
Conversion Kit — Exploded Install View



Always hire a licensed electrician to ensure safe, code-compliant installation. Do not substitute non-metallic components — grounding is achieved through metal-to-metal contact.



240V Single-Line Meter Wiring Diagram (Line + Neutral)



120V Meter Socket Wiring Diagram

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Sub-Metering Options & Compatible Meters

VMS Sub-Metering Options

Option	Description
ST/XT	Walk-up direct-read KWH metering.
ST/XT KYZ (Form A)	2-wire KYZ output for installation of Inovonics, Next Century, or Tehama transmitters; depending on form and transmitter size, must be placed interval to the meter.
ST/XT KYZ (Form C)	3-wire KYZ output, ready for connection to your recording devices.
XT ModBus	Ready for connection to your ModBus Master Controllers.
ST/XT DoD	VMS Data on Demand — 900MHz one-way communications from the meters to our Data Gates. Readings are collected by a supplied laptop computer for reporting.
VMS Lora	LoRaWAN electric meters; data is collected by gateways and stored in our cloud-based servers. Can also be purchased with on-site servers or a fully monitored VMS system.
VMS CatM1	Communicates to our Endsight software via cellular data. Purchase your own cloud-based Endsight, or have VMS collect your data and provide the required reporting.

Compatible Vision Meters



CAT M1 Meter



LoRa AMI Meter



VMS ST Meter

All Vision meters are ANSI C12.18 & C12.19 compliant, accurate to ± 0.15 – 0.2% , and rated for a 20-year outdoor service life — ideal for campground and RV park pedestals.