

VM-3P75CT

Three-phase energy meter

www.victronenergy.com



VM-3P75CT

Accessories included:



Current transformers (CT)



VE.Can RJ45 Terminators



Three-phase energy meter with Ethernet and VE.Can communication ports

The Victron VM-3P75CT energy meter is a standard device to measure the power and energy of single-, split- and three-phase applications, for example, at the distribution box or to measure the output of a PV Inverter, AC Genset or the output of an inverter and inverter/charger.

High refresh rate

Calculating the RMS power values for each phase, the energy meter transmits them at a high rate over VE.Can or Ethernet, leading to more accurate measurements for power usage, grid-import and grid feed-in, for example, in an ESS system.

The VM-3P75CT makes setup a breeze

Engineered for easy integration, the energy meter works out of the box (Plug & Play) as a grid meter for most systems. Configuration (via VictronConnect) is only required for changing the role (Grid Meter, PV Inverter, AC Genset or AC Load Meter) and manual IP configuration rather than the default, DHCP.

Remote monitoring from anywhere

Its data will be displayed in the VictronConnect App, a GX device such as the Cerbo GX or Ekrano GX and our VRM Portal.

Effortless Installation with snap-on type current transformers

The VM-3P75CT uses clamp-type current transformers to sense the current accurately, without having to modify the wiring of an existing installation.

Configurable energy registration method

The VM-3P75CT offers a configurable energy registration method, allowing selection between vector, arithmetic, or absolute registration. This flexibility makes it suitable for various regional requirements.

Comprehensive electrical parameter monitoring

Reporting of line-to-neutral voltage, line-to-line voltage, power factor (according to IEEE convention), phase sequence for 3-phase configuration, phase rotation warning for 3-phase configuration, and protective earth voltages as well as neutral and line currents.

LED pulse output

The status LED can be configured as an energy pulse signal to enable visual diagnostics at a glance.

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