Vantor VM-10E

Three Phase Power Meter, 72 x 72 Panel

The Vantor VM-10E is an economical 72 x 72 mm three-phase multifunction power meter for distribution boards where panel space is tight. It measures voltage, current, frequency, kW, kvar, kVA, power factor, four-quadrant energy, maximum and minimum values, run time and harmonics to the 21st order, and reports over RS485 Modbus RTU to a BMS, logger or gateway. Optional 2 DO / 2 DI are available.

Packed and sold in boxes of 10.



Key Features

- Compact 72 x 72 mm panel-mount format
- U, I, f, kW, kvar, kVA, PF, four-quadrant energy, max/min, run time
- Harmonics to the 21st order
- RS485 Modbus RTU, 1200 - 38400 bps
- Optional 2 DO (-R) and 2 DI (-K)
- Large LCD; U/I accuracy 0.2%, power 0.5%
- Wide auxiliary supply 85 - 265 V AC / 80 - 310 V DC

Technical Specifications

- Model: VM-10E (5 A CT input, RS485 Modbus RTU)
- Accuracy: U/I +/-0.2%, active power +/-0.5%
- Voltage: 57.7/100, 220/380 or 380/660 V rated
- Current input: 5 A (1 - 6 A) standard; 1 A optional
- Harmonics: to 21st order
- Communication: RS485 Modbus RTU, 1200 - 38400 bps
- Options: -R 2 DO, -K 2 DI
- Dimensions: 72 x 72 mm panel mount
- Auxiliary supply: 85 - 265 V AC / 80 - 310 V DC; -25 to +70 degC

Optional add-ons: 2 DO (-R)DI (-K); 1 A current input on request.

Ordering information

Order code	Description
VM-10E	Three Phase Power Meter, 72 x 72 Panel