Vantor VM-D50W

Three Phase DIN Rail Energy Meter, 100A Direct, Wi-Fi

Vantor VM-D50W three-phase DIN rail energy meter with 100A direct connection and built-in Wi-Fi, so readings reach your monitoring platform over the building's wireless network with no RS485 cabling to run. THD measurement and four-quadrant metering on 1P2W, 2P3W, 3P3W and 3P4W networks.



Key specifications

- Wi-Fi communication — no data cabling required
- Class 0.5 active energy (IEC 62053-21/22, IEC 61557-12)
- 3×230/400V AC (85–276V L-N, 85–480V L-L), 45–65Hz
- 0.15–100A direct input per phase, rated 5A, 30× overload for 0.01s
- 1P2W / 2P3W / 3P3W / 3P4W network configurations
- Bi-directional import/export active and reactive energy, four-quadrant
- Voltage and current THD measurement
- Multifunction: V, A, W, var, VA, kWh, kvarh, PF, frequency
- Large backlit LCD with touch buttons, password protection
- 4 modules (72mm) TH35-7.5 DIN rail, IP51 display / IP30 body
- –25°C to +55°C operating, 4kV AC insulation, CAT III
- For a wired Modbus RTU bus choose the VM-D50M or VM-D50MT

Ordering information

Order code	Description
VM-D50W	Three Phase DIN Rail Energy Meter, 100A Direct, Wi-Fi