Vantor VM-S10M

Single Phase DIN Rail Energy Meter, 100A Direct, RS485 Modbus

Vantor VM-S10M single-phase DIN rail energy meter with 100A direct connection and RS485 Modbus RTU. Bi-directional import/export metering in a compact 1-module housing, ideal for sub-metering, tenant billing and solar import/export monitoring.



Key specifications

- Class 0.5 active energy, Class 2 reactive (IEC 62053-21)
- 1P2W, 230V AC (176–276V), 45–65Hz
- 0.25–100A direct input, rated 5A, 30× overload for 0.01s
- Bi-directional: import/export active and reactive energy
- Multifunction: V, A, W, var, VA, kWh, kvarh, PF, frequency
- 4 tariffs, 8 time segments; monthly and daily energy statistics
- RS485 Modbus RTU / DL/T645-2007, 1200–19200bps, up to 64 devices per bus
- Pulse LED 1000 imp/kWh
- Backlit LCD with touch buttons, password protection
- 1 module (18mm) TH35-7.5 DIN rail, IP51 display / IP30 body
- –25°C to +55°C operating, 4kV AC insulation, CAT III

Ordering information

Order code	Description
VM-S10M	Single Phase DIN Rail Energy Meter, 100A Direct, RS485 Modbus