Vantor VM-S20M

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

Vantor VM-S20M MID-approved single-phase DIN rail energy meter with 100A direct connection, RS485 Modbus RTU and pulse output. Large-screen LCD, four-quadrant power measurement and bi-directional import/export metering in a 2-module housing.



Key specifications

- MID approved (EN 50470-3:2022)
- Class 0.5 active energy, Class 2 reactive (IEC 62053-21/22)
- 1P2W, 230V AC (176–276V), 45–65Hz
- 0.15–100A direct input, rated 5A, 30× overload for 0.01s
- Bi-directional: import/export active and reactive energy, four-quadrant
- 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, 1200–38400bps
- 1 configurable pulse output (open collector), pulse LED 1000 imp/kWh
- Large backlit LCD with touch buttons, password protection
- 2 modules (36mm) 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-S20M	Single Phase DIN Rail Energy Meter, 100A Direct, RS485, MID