# Vantor VM-S20M-L

## Single Phase DIN Rail Energy Meter, 100A Direct, LoRaWAN

Vantor VM-S20M-L MID-approved single-phase DIN rail energy meter with 100A direct connection and built-in LoRaWAN radio. Reads straight into your LoRaWAN network server or the UtilityPal platform with no cabling for comms — bi-directional import/export metering in a 2-module housing.




## Key specifications

- LoRaWAN communication (regional frequency plan confirmed at order)
- 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
- 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
- 1 configurable pulse output, 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-L | Single Phase DIN Rail Energy Meter, 100A Direct, LoRaWAN |