Vantor VM-A900

Three Phase Panel Power Analyzer, CT Operated, THD, RS485

Vantor VM-A900 96×96mm panel-mount three-phase power analyzer with RS485 Modbus RTU. Measures voltage, current, four-quadrant power, power factor, harmonics, unbalance and crest factor with bi-directional energy registers — a clean front-of-panel display for DBs, MCCs and gensets.



Key specifications

- Class 0.5 active energy, Class 2 reactive (IEC 62053-21/22); Class 0.05 frequency
- 3×230/400V AC (30–350V L-N, 30–660V L-L), 45–65Hz; PT input up to 600kV
- CT input 1A/5A (default) or 100mA/mV optional; primary 1–9999A programmable
- 1P2W / 2P3W / 3P3W / 3P4W network configurations
- Bi-directional import/export active and reactive energy, four-quadrant
- Total and fractional harmonic content, imbalance, crest factor
- 30 SOE (sequence of events) records
- 4 tariffs, 8 time segments; monthly and daily energy statistics
- RS485 Modbus RTU / DL/T645-2007, 1200–38400bps
- CT reverse-connect correction function
- Auxiliary supply 80–300V AC / 100–420V DC
- Large backlit LCD with touch buttons
- 96×96mm panel cut-out, 65mm depth, IP51 front / IP30 body
- –25°C to +55°C operating, 4kV AC insulation
- CTs sold separately — see Vantor VM-CT split-core CTs

Ordering information

Order code	Description
VM-A900	Three Phase Panel Power Analyzer, CT Operated, THD, RS485