



EQM100/200

Energy Monitoring Terminal

EQM100



EQM200



E-QoS is a complete power metering system in a standard din rail case.

Measures more than 40 electrical power parameters providing a low-cost, multifunction monitoring solution for industrial applications. While its large display shows the measured values, the meter can also provide data remotely through the RS485 and Ethernet interfaces.

It can easily be integrated in telemetry suite and can also provide data to other systems thru RS485 (ModBUS) and Ethernet interfaces. It is equipped with a complete SNMP V1 agent and finally exposes rich webpages for setting and reading system parameters.

Operation

The digital meters are available in a panel mounted enclosure with a display to show all electrical parameters including true RMS values, current, voltage, power factor, phase angle, active/reactive energy, and frequency values. The simple menu-driven interface offers an easy possibility for settings, configuration of selected communication options and adjustment of operating parameters.

Alarms

User-defined alarms warn potential circuit overloads to prevent accidental power loss to critical equipment.

FEATURES

- Class 1 accuracy in accordance with IEC 61036 standard
- LCD, backlight control
- fast installation
- single-phase & three phase metering
- phase sequence detection
- power presence detection
- RS485 protocols: Modbus, RPTC
- SNMP
- Web browser

BENEFITS

- compact design
- easy installation
- measurement accuracy
- remote monitoring

MEASURED PARAMETERS

- System voltages
- System currents
- System active & reactive power
- Frequency
- Power factor (PF)
- Total active energy Wh
- Total reactive energy VARh
- Phase angle
- Mean and peak values
- Time and date
- Hours run

TECHNICAL SPECIFICATION

Inputs

Nominal rated input voltage:	125 –230-380 V ac
Nominal rated input current:	1-9999 A (AT with secondary 5 A)
Nominal input current burden:	< 2 VA
Frequency:	45-65Hz
Power:	1 MW per phase
Energy:	100 MWh
Connections :	terminal blocks
Auxiliary supply voltage:	12Vdc

Standards

IEC 61036 standard, class 1

Dimensions (EQM100)

Sealing IP 40
DIN-rail mounting, plastic molded case
PPO self-extinguishing UL94-V0
Weight: 0.25 kg

Dimensions (EQM200)

Cabinet: 19" rack, 1U, 300 mm depth
Weight: 5,5 kg

All information in this brochure may change without notice.