

EasyLogic™ DM6x00H series VAF PF meters

The easy choice for quality, value, and simplicity. Replace multiple analogue meters for stand-alone metering in custom panels, switchboards, switchgear, genset panels, motor control centres, power factor improvement panels and OEM panel boards.

Accuracy, precision, and essential measurements

- **Essential measurements:** collect the parameters you need with a single meter — voltage, current, % unbalance, meter operation timer, run hours.
- **Accuracy Class 1.0 for V AF PF metering:** critical for network reliability and RPM monitoring.
- **Standards compliance:** EMI/ EMC tests as per IEC 61326-1-CE certification as per IEC 61010-1 edition 3-CULUS as per UL61010-1 and CAN/CSA-C22.2 IEC 61010-1 edition 3, for 480 V AC L-L.
- **Revolutions per minute:** RPM of alternator or generator when number of poles set for 2, 4, 6, 8, 12, 14 or 16 (any one pole).
- **High sampling rate:** 32 samples/cycle for 50/60 Hz electrical networks, essential for detecting and capturing anomalies and accurate electrical parameters measurements.

Security and data integrity

- **Password settings:** field-configurable passwords to prevent unauthorized configuration changes or resetting of stored data (energy, max demand, min/max).
- **Cybersecurity:** enable/disable RS-485 port to protect against possible misuse, and enhance troubleshooting and maintenance of communication network.
- **Protection cover:** ensures terminal screws do not detach from housing; touch proof against fingers.



EasyLogic DM6x00H meters



EasyLogic DM6x00H series VAF PF meters can replace multiple analogue meters, providing all the electrical system measurements you need.

UL and CE markings as per UL/IEC 61010-1 Ed-3

ISO/EHS/OHSAS certified manufacturing facility reinforces product quality and reliability. Independent lab reports available for CE/UL.

Green Premium eco-mark:

Confidently confirm and incorporate compliance status of our products into your environmental policies. Schneider Electric commits to disclose reliable, comprehensive information on the environmental impacts of our products.



Modular and customizable

- **LED display:** highly visible, bright red display viewable from 10 metres.
- **Analogue load bar:** 12 LED colour-coded load bar indicates percentage of load; option to select full scale based on connected load.
- **Display:** 4 digits for VAF PF parameters with auto scale and auto range features.
- **Suppression current:** to disregard the measurement of induced and panel auxiliary load current (settable from 5 to 99 ma).
- **Native plug-and-play support:** for Ecostruxure™ Power Monitoring Expert, Ecostruxure™ Power SCADA Operation, ION Setup.

Safe, easy, and fast installation

- **Easy to install:** mounts using two retainer clips, no tools required. compact meter with 49 mm meter depth behind the panel.
- **Direct application up to 480 V L-L:** supports direct connection to low voltage systems up to 480V L-L for CAT III installations, simplifying installation, saving costs, and facilitating more accurate measurements.
- **AC/DC control power with universal operating range:** connect to a universal control power range of 44 V to 300 V AC/DC, allowing tremendous cost savings during installation.
- **Nondetachable fastening screws:** no risk of dropping screws inside the panel or enclosure.

| Parameter | DM6000H Class 1.0 | DM6200H Class 1.0 |
|--|--------------------|--------------------|
| Sampling rate per cycle | 32 | 32 |
| Amps: average and per-phase, calculated neutral current | ■ | ■ |
| Voltage: V L-N, V L-L, average, per-phase | ■ | ■ |
| Power factor: average and per-phase | ■ | ■ |
| Frequency: any available phase | ■ | ■ |
| Revolutions per minute (RPM) | ■ | ■ |
| Phase angle : amp deg (V to amps, per-phase) | ■ | ■ |
| Life time counter - meter on hrs and number of power interruptions | ■ | ■ |
| Communication: RS-485, Modbus RTU protocol | | ■ |
| Commercial reference number | METSEDM6000HCL10NC | METSEDM6200HCL10RS |

Please see your Schneider Electric representative for complete ordering information