

VERKKOANALYSAATTORI PANEELIASENNUKSEEN

DMG7000, DMG7500, DMG8000, DMG9000

DMG9000

Verkkoanalysointilaite, LCD-näyttö, laajennettavissa,
RS485, Ethernet, muisti

- 4,3" värillinen LCD-näyttö
- Monipuoliset väylävaihtoehdot
- Laajennettavissa esim. I/O moduulein
- NFC-ohjelmointi
- Yhteensopivat Easy Branch järjestelmän kanssa



TUOTEKUVAUS

	DMG7000	DMG7500	DMG8000	DMG9000
RS485-portti	-	•	-	•
Ethernet-portti	-	-	•	•
Ethernet-RS485 gateway toiminto	+ EXP1012 + EXP1013	+ EXP1013	+ EXP1012	•
Sisäinen muisti	-	-	•	•
EN50160 yhteensopivuus	-	-	-	•
4 virtamuuntajatuloa, mahdollistaa nollavirran mittaamisen	-	-	-	•
5 sisääntuloa jännitteelle, N-PE jännitteen mittausta	-	-	-	•
EASY BRANCH-yhteensopivuus	-	•	•	•

TEKNISET TIEDOT

Asennus	Paneeliasennus
Datamuisti	Kyllä
EASY BRANCH -yhteensopiva	Kyllä
Ethernet	Kyllä
Etupaneelin IP-luokka	IP65

POWER ANALYZERS WITH WIDESCREEN COLOUR LCD
DMG SERIES



WIDESCREEN COLOR LCD
The large size of the color LCD (7" x 7") allows for the optimal view of measures and parameters in a clear, crisp and intuitive way. The standard cabinet dimensions (50x100x150mm) ensure a perfect compatibility with the usual front panel solutions.

10 LANGUAGES
The language shown can be selected from a large number of choices: English, French, German, Italian, Spanish, Portuguese, Polish, Russian, Czech, Chinese.

PROGRAMMABLE LEDS
3 front LEDs are programmable and let the user know the status of the device at any time: alarm programmed by the user, status of digital inputs or outputs, emission of alarm indicating energy consumption, communication in progress.

HIGH ACCURACY LEVEL FOR MEASUREMENTS
The measurements are verified according to the recognized international standards for measuring instruments: EC 60553-02 (class 0.5s), EC 60553-24 (class 1) and EC 61851-12 (class 0.5).

PLC LOGIC
Thanks to the built-in PLC logic, the power analyzer can perform simple automatics related to timers and alarm states and digital inputs. Programming with "function blocks" is simple and intuitive thanks to the use of Xpert software.

NFC CONFIGURATION
Thanks to NFC technology, it is possible to configure and modify parameters (even when the device is not powered) through the NFC LUNARIS App, which can be downloaded for free from the Google Play Store and App Store for Android and iOS smart devices.



EXPANSIBILITY
Possibility to add up to 3 IOP - series expansion modules (additional inputs, outputs and communication ports).

INTEGRATION WITH SIGNALS FROM THE FIELD
Thanks to the IOP - expansion modules it is possible to add digital and analog inputs by which load measurements such as gas or water consumption, tank levels, temperature, pressure and much more are integrated into the data collection in order to obtain a complete energy management.

OPTICAL PORT
The optical port compatible with the communication device DMG1 and DMG2 is available and allows, thanks to Xpert software, the parameter configuration, the electrical network diagnostics and the firmware update of the power analyzer.

DEGREE OF PROTECTION: IP65
Possibility of use in harsh environments thanks to the gasket on the back which guarantees the IP65 degree of protection.

COMMUNICATION
Possibility of remote access built-in RS485 and Ethernet communication ports.

EASY BRANCH POWER MONITORING SYSTEM
Thanks to the IOP - modules, a simplified and very fast wiring can be achieved in panels where it is necessary to read the electrical parameters of different loads, drastically reducing the costs and the installation times.

	DMG7000	DMG2500	DMG6000	DMG9000
Built-in RS485 port	—	+	—	+
Built-in Ethernet port (with web server)	—	—	+	+
Ethernet RS485 gateway function	+ EXP1012 + EXP1013	+ EXP1013	+ EXP1012	+
Memory for data collection	—	—	+	+
Statistics of network quality according to IEC61850	—	—	—	+
Neutral current measurement through dedicated CT	—	—	—	+
Neutral earth voltage measurement	—	—	—	+
Compatibility with IEDY BRANCH power monitoring system	—	+	+	+

EVERYTHING UNDER CONTROL!

MEASUREMENTS
DMG power analyzers display all the measurements useful for a complete check of the electrical network. The energy measurement input does not require external transformers up to 600VAC.

CHARTS AND HARMONICS
The electrical measurements are shown with waveform charts, polar diagrams and representations of the harmonic spectrum up to the 50th order, which is a useful tool to better understand the state of the system.

STATISTICS
The DMG6000 model also provides statistics on the quality of the network according to the EN50160 standard: class C - voltage dips, overvoltages, interruptions, low frequency noise and much more.



Waveforms



Polar diagram



Currents



Energy consumption control