



E860: Flagship Grid Sensor for Energy Generation and Transmission

High sampling rate and measurement accuracy

The E860 is our latest high precision meter for grid applications.

Available in wall mounted (E860 f6) and rack mounted (E860 f9) variant, E860 is designed for production and transmission, as well as grid-connected commercial and industrial facilities.

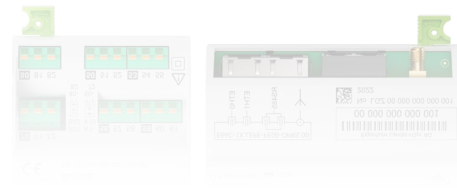
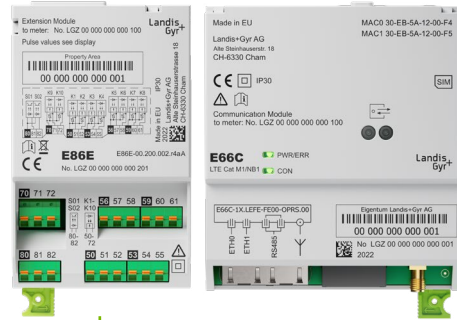
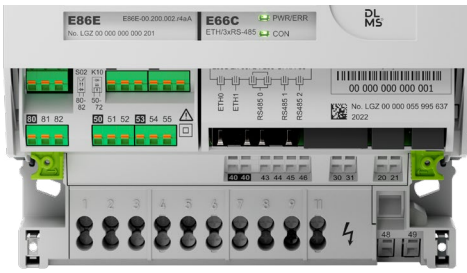
The wall mounted variant (f6) supports dual modularity, with a selection of communication modules and extension

boards to adapt to changing needs, technologies and use cases.

E860 fields of application range from billing to power quality, network monitoring and enhanced grid edge functionalities.

With its high data resolution, exceptional precision and reliability, the meter meets the requirements for power quality class A certification.

- Versatile transformer connectivity
- Accuracy class: up to 0.1 S for active energy, 0.5 S for reactive energy
- Dual modularity (I/O extension board and communication unit) – f6 variant
- Replaceable battery and auxiliary power supply
- Power quality class A certification (coming in 2025)
- High-level ingress protection rating (IP54) and anti-tampering functionalities
- Data push capabilities
- High level security



Base meter I/Os

- 4 control inputs
- 1 solid state output

Modular communication units – E66C

- E66C 3xRS-485, 2x Ethernet
- E66C 1xRS-485, 2x Ethernet, LTE Cat-M1/NB-IoT
- E66C 1xRS-485, 2x Ethernet, LTE Cat1/2G

Multi-protocol support:

- IEC 62056 DLMS-COSEM
- IEC 61158 Modbus
- IEC 60780-5-104 SCADA
- IEC 61850

Modular I/Os – E86E extension board

- 2x S0 inputs
- 8x transmitting contacts in different configurations
- 2x solid-state relay outputs with common ground

E860 f9 – rack mounted

- 1 Optical test outputs
- 2 Warning, alarm and operation LEDs
- 3 Display navigation buttons
- 4 Sealable battery and reset button compartment
- 5 Dot-matrix display
- 6 Rack mounting seals (optional)

Communication: Integrated RS-485, Ethernet



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