

Gateway

Powerline Interface

Powerline Gateway

The AEconversion gateway serves as interface between the AC power line together with the modulated data and the RS485-bus system. The gateway can direct up to 16A AC through the inverter to the subdivision. It provides a reliable filter, to shield communication from external interferences. The system data is provided at the RS485 port.

In order to connect all inverters with a central monitoring station, eg the AEconversion Data Logger, the gateways can be connected in parallel to the RS485 bus.



Input

- Nom. AC voltage: 230 V
- Nom. AC voltage range: 184 V ... 264 V
- AC current: 10 mA
- AC frequency: 50 Hz / 60 Hz
- Maxi. current: 16 A

Housing

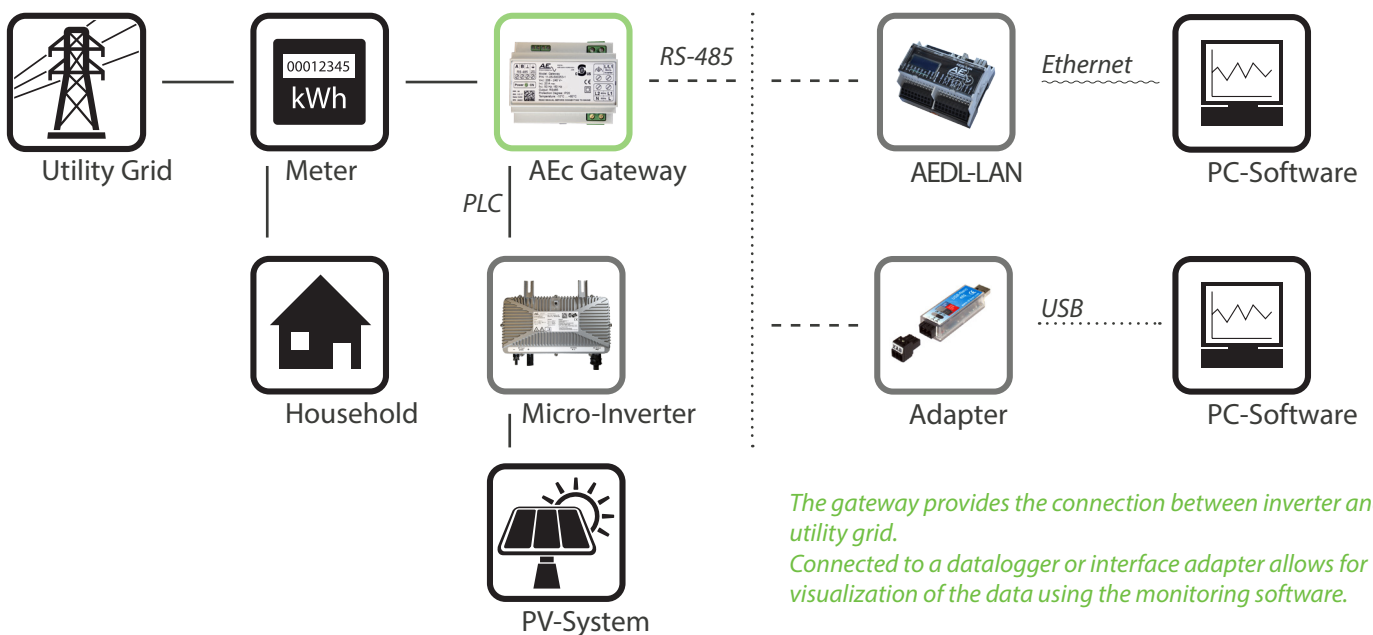
- 100 mm x 65 mm x 90 mm (L x W x H)
- Weight: 0.3 kg
- Protection degree: IP 20 Class I acc. to DIN EN60529

Interfaces

- RS485
- PLC

Additional Information

- Safety standards: safety class II
- Product safety: IEC 60950
- EMC: FFC Part 15 Class B / EN 61000-6-2 / EN 61000-6-3
- Temperature: -25 °C ... +60 °C
- Atmospheric humidity: 5 % ... 70 %, noncondensing



The gateway provides the connection between inverter and utility grid.

Connected to a datalogger or interface adapter allows for visualization of the data using the monitoring software.