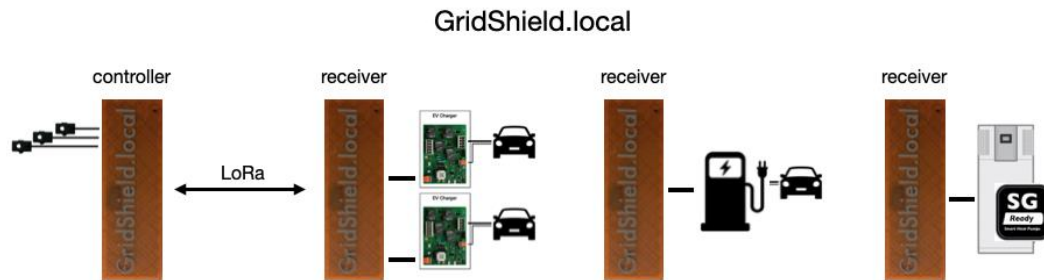


Edge Gridshield.local



Gridshield.local

Gridshield.local has developed EdgeTech as a local variant of GridShield: the main connection or cable to be protected is measured with current sensors and the GridShield.local controller emits a radio signal when the capacity is reached. The GridShield.local receivers can then reduce the power of an EdgeTech charging station. In addition to EdgeTech charging stations, this also works with third-party charging stations and SmartGrid-ready heat pumps. Because the GridShield.local receivers also have relay outputs, other devices and/or systems can also be signalled and switched.

Controller Features

- Connect with CT clamps or a kWh meter
- Hundreds of metres range



Receiver Features

- ModBus RS485, relay outputs or open-collector output
- ModBus output for EdgeTech or compatible charging station
- SmartGrid-ready output for heat pumps, relay and open-collector output for other devices
- Multiple charging stations can be connected to a single receiver
- Multiple receivers can be used side by side

For both Controller and receiver

- Very compact dimensions: 35 x 105 x 11 mm
- Power supply: 3.8V to 32V via Modbus or USB-C
- Preconfigured and configurable with dongle

Advantage

- Easy to roll out and expand
- Only power cables needed to the charging points
- Large range
- Ideally suited for temporary charging points (e.g. on construction sites or at festivals)

Target groups & Use cases

- Temporary charging stations at construction sites or festivals
- Charging stations spread over a large area, such as holiday parks
- Car parks

