



Gateway Connect

data sheet

The Gateway Connect eliminates the need for a local network connection and provides a seamless plug-and-play load management system. It acts as the link between charging infrastructure, other energy assets and the central FLEXeCHARGE Platform. The Gateway Connect combines an integrated LTE Router with the FLEXeCHARGE load and energy management, which runs locally on the device. The Gateway also serves as network router for the charging infrastructure and is the basis for remote configuration management and monitoring.



Independent and secure connection

Integrated Sim provides internet connectivity for maximum reliability and security.



Plug and play

Preconfigured Gateway and the setting up charging stations from the factory reduce installation times.



Lower Costs

Specialized hardware enables an cost effective and efficient setup and low service cost.

- **LTE 4G**

Use of LTE networks for good network coverage and bandwidth.

- **Always Online**

Automatic connection check for a stable online connection.

- **2x SIM**

Network provider redundancy when using SIM card from two network providers.

- **I/O interfaces**

Multifunctional Input and Output interfaces. For example V2G and G2V.

Technical data

Power Supply

	Description
Power Supply	8V ... 30V DC
Maximum power consumption	max. 25 Watts

Ambient conditions

	Description
Storage temperature range	-40°C to +85°C
Operating temperature range	-24°C to +70°C
Relative humidity during storage	0% to 95%, non condensing
Relative humidity during operation	0% to 95%, non condensing

Interaces

	Description
1x Ethernet	10/100 MBit/s
1x USB	USB 2.0
2x Digital OUT	Multi purpose I/O, switching threshold ca. 3.5 V
4x Digital IN	Digital inputs, 0 – 30 V, switching threshold ca. 4.5 V
1x Antenna GSM	SMA socket, impedance 50 Ω
1x Antenna GPS	SMA socket, impedance 50 Ω
2x SIM	Mini-SIM, 1.8 V or 3.3 V
1x SIM chip	Optional

Mechanics

	Description
Case type	Plastic case V0
Dimensions (H x W x D)	119 x 27 x 105 mm
Weight	ca. 160g
Assembly	DIN rail
IP rating	IP40

Signalling

	Description
1x LED Power	Power Supply
1x LED mobile communication	Mobile communication connection status
2x LED Ethernet	ACT, LINK