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Gira Eco for KNX



Specification	Order No.	Packing unit	PS	EAN
 DRA	2045 00	1		4010337128069

Features

- Integration of five charging points per device in the KNX system (can be fully configured via the ETS).
- Integration of five inverters per device in the KNX system (can be fully configured via the ETS). One of the inverters, as a hybrid inverter, can integrate a battery storage unit.
- Dynamic load management (DLM).
- Static load management (SLM).
- Mixed operation by different manufacturers.
- Phase switching (1- or 3-phase charging).
- Load imbalance management.
- Various charging options: Immediate; Eco (PV excess charging).
- Boost function (fast charging).
- Prioritisation of a charging point.
- Support for external electricity meter (ISKRA, PHOENIX CONTACT, generic) at charging points which do not have an internal electricity meter
- Grid-serving control.

Charging points

- Charging: Charging point status (status), Connected (status), Charging (status), Charge completed (status), Interrupt (set/status), Start/Stop (set/status), Unlock (set).
- Charging current: Set (status/set), Actual L1-L3, Actual (status).
- Power status values: Actual L1-L3, Actual (status).
- Energy status values: Actual L1-L3, Actual (status).
- Energy consumption status values: Last charge (status), Total (status).
- Fault status values: Fault, Last fault.
- Status values: Communication ID (EVCCID) (status), Internal charging point temperature (status), Temperature warning, RFID tag (status), Serial number, Charging point firmware version.

Inverter

- Display yield value (energy, power).
- Status values: Device status, fault, last fault, firmware version, serial number.

Hybrid inverter

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- Display energy and power values. (Charging/discharging).
- State of charge (SoC).
- Status and fault.

Technical data

Rated voltage:	DC 24 V to 30 V
Power consumption:	2.3 W(DC 24 V external supply)
Ambient temperature:	0 °C to +45 °C
KNX communication:	KNX/TP, S mode
KNX medium:	TP1-256
IP communication:	Ethernet 10/100 BaseT
Connections:	2 x RJ45 (integrated switch), connection and junction terminals for KNX and 24 V

Notes

- KNX Secure.
- Can be enhanced via firmware updates.

Dimensions

Modular width (MW):	2
