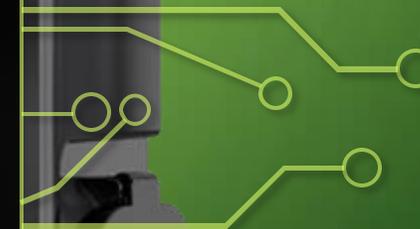
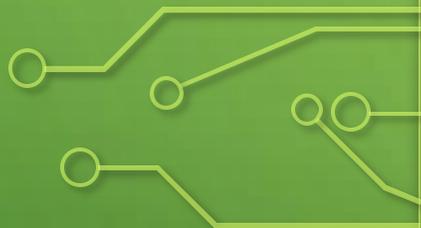




**EN+ CARO 7KW
1 PHASE
SMART CHARGER**



PRODUCT FEATURES



- Universal Type 2 cable lead or socket.
- Power rating – Up to 7kW
- Adjustable power rating: 7kW: 6~32A
- Intelligent Authentication:

1). Support charging user identification on online mode or Bluetooth mode.

2). Smart RFID/Bluetooth/App Authentication.

3). Support plug to charge while authentication is off.

- Multiple charge modes

1). Plug to Charge

2). General mode: start charging via RFID card, start charging via App

3). Remotely start charging via App

4). Scheduled charge via App

5). ECO Mode

- Built-in LED charging status indicator.
- Network connectivity: WiFi, Ethernet or 4G.
- OCPP 1.6 compliant.
- CE and CB certified.
- Dynamic Load Balancing.

The Caro Series charger has a Dynamic Load Balancing capability which is designed to prevent overloads of the property's power supply when electric vehicles are being charged.

Once correctly installed and configured, the system will monitor the power being drawn by the charging process and will compare this to the permissible maximum for the property as a whole (need to be set). With this information, the power made available for charging can be dynamically adjusted to reduce the load before the property's maximum load is exceeded

Energy management system (EMS) integration

- The Caro Series chargers are designed with dedicated ports to ensure seamless integration with various EMS systems, providing flexible energy management solutions.

For details about EMS, please contact our technical support for more information.

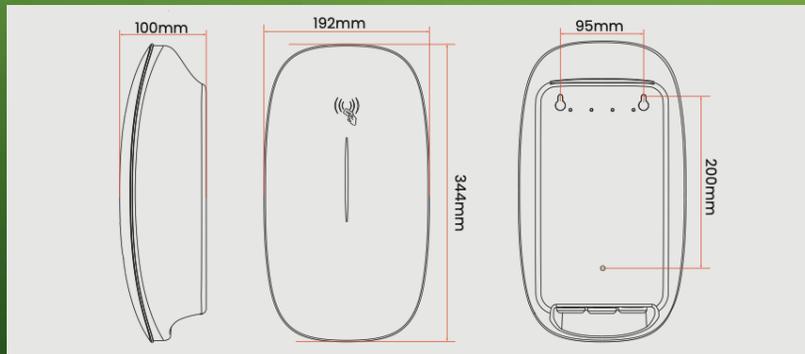
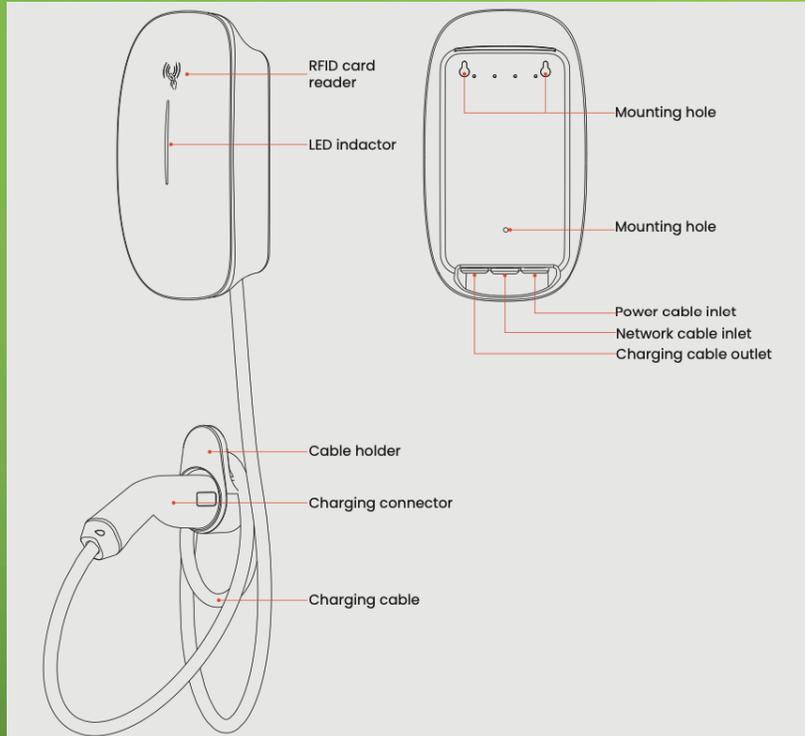
The Energy Management System (EMS) is like an intelligent butler that monitors your energy usage, automatically adjusts the operation of devices, and uses energy in the most economical and efficient way, while ensuring safety and reducing waste, helping you save money and protect the environment.

PV energy utilization

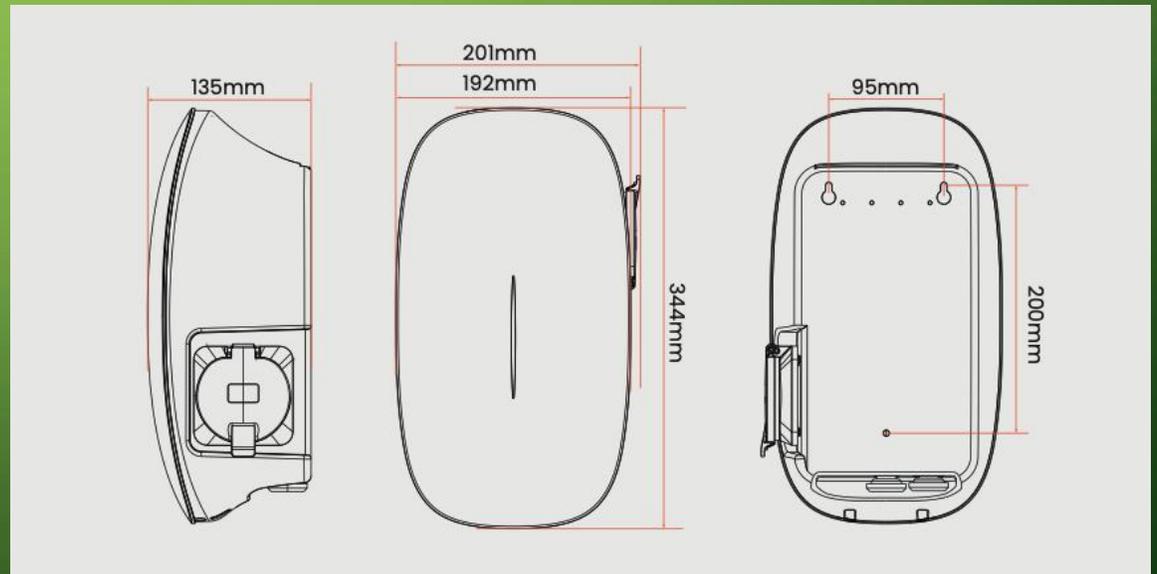
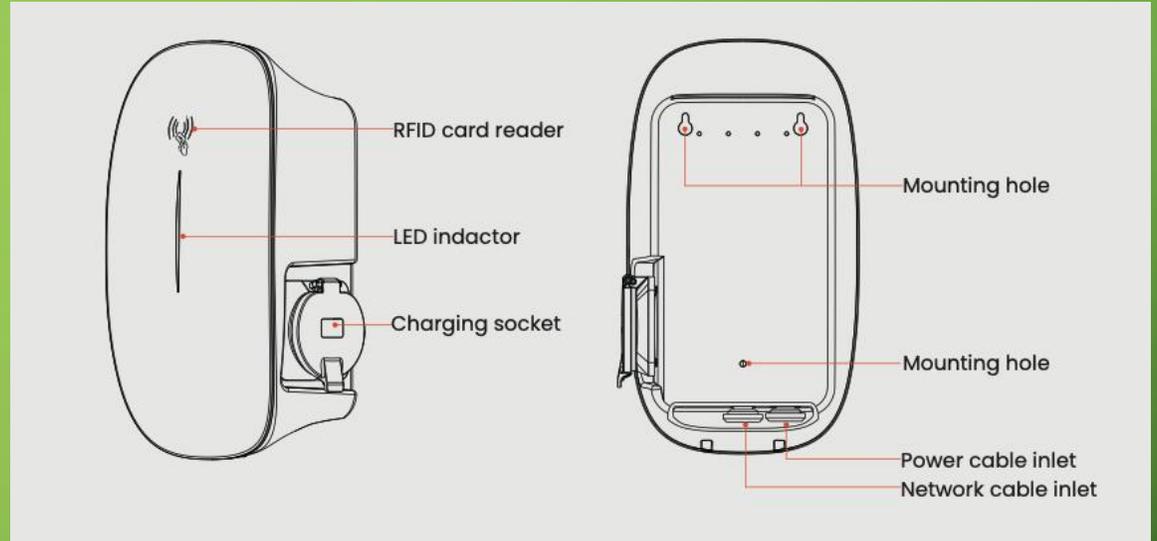
- The Caro Series chargers can utilize photovoltaic generation and energy storage technologies to offer a clean, efficient, and reliable power supply for electric vehicles, thereby diminishing reliance on conventional power grids and fostering the adoption of green energy.

This requires extra accessories, please contact our technical support for more information.

Tethered Model



Socket Model

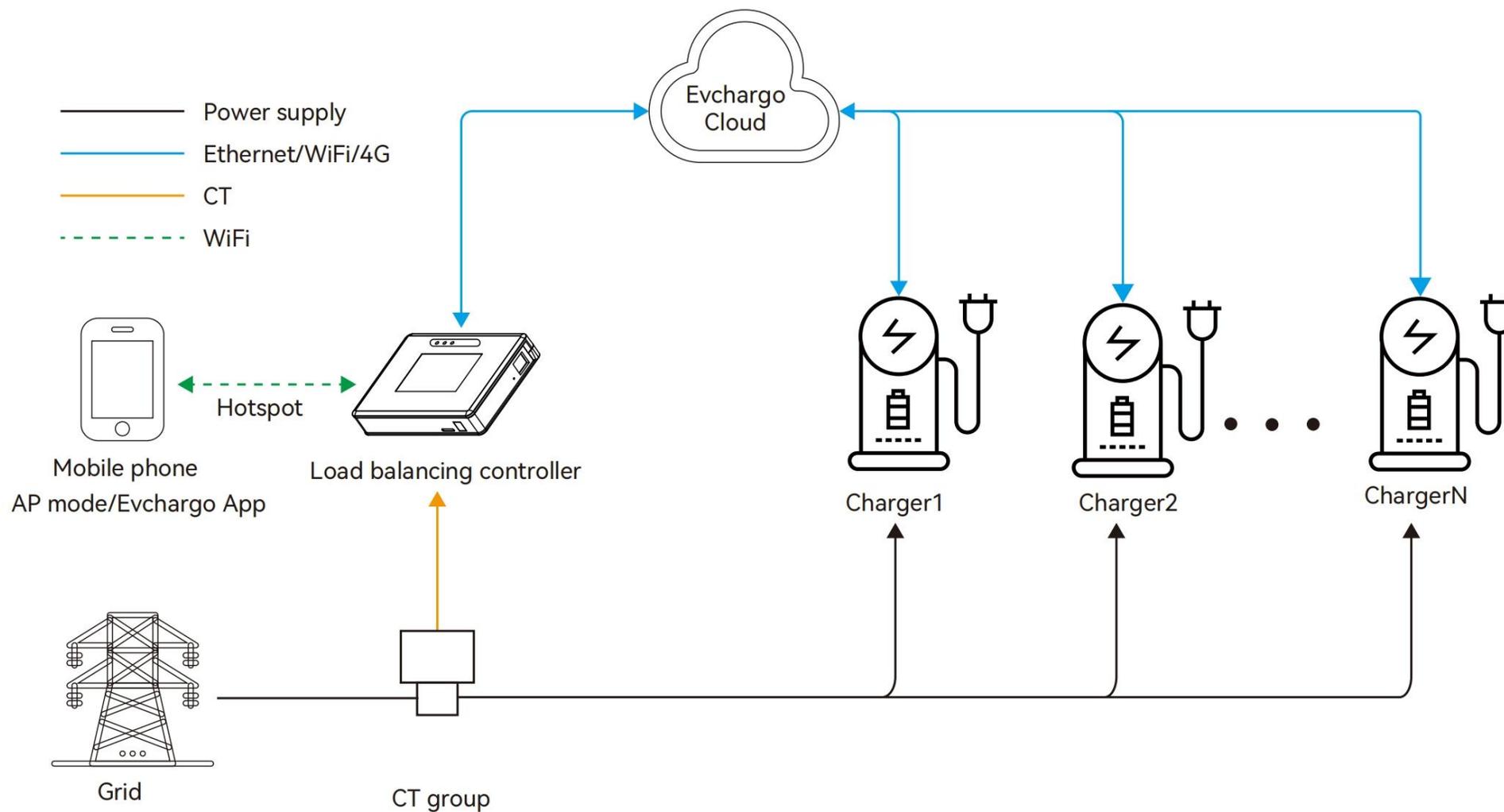


Technical Specification

Electrical Specification	Rated power	7kW	11kW
	Power supply	1P+N+PE	3P+N+PE
	Rated voltage	230V AC	400V AC
	Rated current	32A	16A
	Frequency	50/60Hz	
Basic Attributes	Charge connector	Type 2	
	Cable length	5m / 4m / 7m	
	Enclosure	PC	
	Installation	Wall-mount/Pole-mount (optional)	
Interactive interface	LED indicator	Green/Yellow/Red	
	RFID reader	Mifare ISO/IEC14443 A	
	Start mode	Plug to charge / App /RFID card	
Communication	Wi-Fi + Ethernet	Optional	
	Wi-Fi + 4G	Optional	
	Bluetooth	Standard	
	OCPP	OCPP1.6 Json	

Safety	RCD	30mA Type A + 6mA DC	
	Ingress protection	IP65 (cable)	IP54 (socket)
	Impact protection	IK08	
	Electrical protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE/CB/RoHs	
	Certification standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	Warranty	Two years	
Working environment	Working temperature	-30 °C to 50 °C	
	Working humidity	5% to 90%	
	Working altitude	< 2000m	

Load Balance Control Box Configuration



WHY EN+

- **Reliable**

EN+ are the 5th largest EV charger manufacturer in the world, and growing. Through 8 years of the teams' professional and focused research and development, EN Plus have obtained over 100 patents in the EV charging field. EN+ are a one-stop-shop for EV charging, providing Hardware and Software to meet all customer requirements. Leading technology chargers combined with Evcharge cloud, the backend platform to enable monitoring of faults, usage, load balancing, innovative billing transactions and fleet management.

- **Professional**

Founded in 2015 in Shenzhen, China's EV capital, EN Plus has all core team members from reputed giants of the power industry like SMA (Germany), Eaton (USA), Emerson.

- **EV charging leaders in PV compatibility**

EN Plus, as an industry pioneer, that has been researching and developing in the field of PV charging since 2020. So far, EN Plus has created thousands of integrated EV charging solutions for users in all aspects. The intelligent household and business PV charging solution is one of its specialties.

