



# PREMIUM SMART CHARGING

**NEO**

Up to 22kW

# Highlights



## Dynamic Load Balancing

Ensure electrical safety by dynamically adjusting charging currents, protecting fuses, and avoiding expensive grid upgrades.



## Solar Charging

### Solar Only

Utilize the surplus energy from the solar to charge your EV.

### Solar Smart

Prioritize using only the solar surplus for EV charging.

Combine power grid with solar energy for EV charging to maximum cost saving and minimum carbon footprint.



## OCPP & Local EMS

Integrated with mainstream third-party OCPP backend provider.  
Open MODBUS interface for EMS integration.



## MID Grade Charging Bill

Track and control your charging costs with accurate MID-grade consumption.

Easily view and categorize your charging activities by time, authorization, and car type.

Export your charging bill with a single tap and send it to your email effortlessly.



## 10 mins Hassle-free Installation





Sandwich structure, effortless installation, maintenance free.



# Technical Specification

**Power** 7kW / 11kW / 22kW

**Colors**

-  Metallic Silver
-  Space Grey
-  Passion Red
-  Lunar Light



## Feature and Function

Charging mode	AC Mode 3
Charging connector	IEC 62196 Type 2 cable, Type 2 socket, Type 2 socket with shutter
AC power output	Single phase up to 7.4kW. Three phase up to 22kW with downgrade compatibility
Mounting options	Wall mounted or pedestal with wiring backplate
Display	OLED Display with status indicator and metering information
HMI	LED strips
Load management	Via App, CT Clamp, MODBUS RTU via RS-485

## Communication

Interface	WiFi, BLE, CT Clamp, RS-485, 4G (optional),
User authentication	RFID, App, Plug-n-Charge
Backend protocol	OCPP 1.6 JSON
Software upgrade	OTA via App, OCPP

## Electrical Design

Power supply	Single phase: 230VAC $\pm$ 20%, 50/60Hz Three phase: 230/400VAC $\pm$ 20%, 50/60Hz TN/TT/IT
Protection	UVP, OVP, OCP, Relay Stuck, Over Temperature
Residual current protection	Type A + 6mA d.c. per IEC 62955
Energy metering	$\pm$ 1% MID Class B Certified

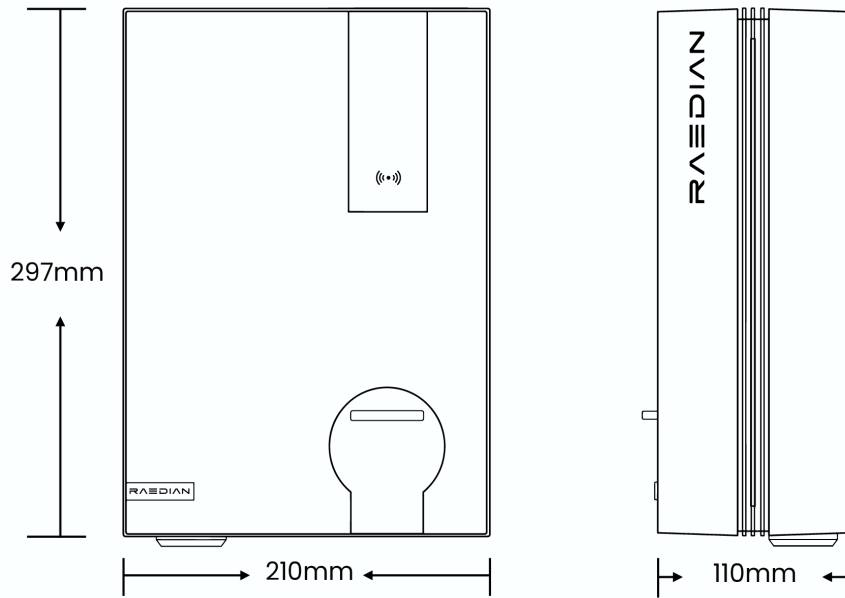
## General Design

Operating temperature	-30 to 55°C with derating mechanism
Operating altitude	3000m
Environmental rating	Indoor and outdoor, IP55, IK10
Dimension	297x210x110 (mm)
Weight	3.2kg - 5.8kg

## Certification & Standards

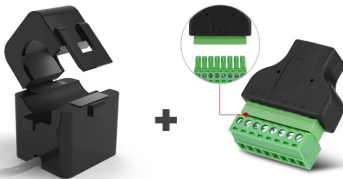
IEC/EN 61851-1, IEC/EN 62955, IEC 61851-21-2  
EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3, EN 61000-3-11, EN 61000-3-12  
EN 300 328 V2.1.1, EN 300 330 V2.1.1, EN 301 908-1 V11.1.2, EN 301 908-13

# Accessories



**CT clamp**

For dynamic load balancing



**CT kit**

For dynamic load balancing and solar charging



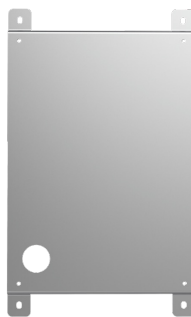
**Charging cable 7kW/22kW**

5m/7.5m, Type 2 to Type 2  
Comes with a carry bag



**Pedestal with roof**

For charging station mounting



**Wall bracket**

Safe and secure installation on uneven surfaces



**Cable hook**

Convenient for keeping your charging cable organized