RHEIDON TECH

Catalog

Better Charging Experience

When I first switched to a Tesla in 2020, I was amazed by how different the experience was from driving a gas car. The silence, the instant torque, the seamless acceleration - it felt like stepping into the future.

But charging? That part didn't measure up. Public stations were inconvenient and expensive. Home chargers raised concerns about safety and reliability. After a faulty charger damaged my car's port, I realized: if electric driving is the future, charging should feel like it too.

That moment sparked our mission - to create a better charging experience. I teamed up with my friend Li Shaoke, an expert in electronics, and together we built Rheidon Tech to reimagine what charging could be: safer, smarter, and more intuitive.

But our mission doesn't end there. We're here to reimagine the full lifestyle that comes with owning an EV - from the driveway to the road trip and beyond. Because owning an electric car isn't just about driving - it's about living differently.

Joe Lin

CEO
Rheidon Tech

Rheidon Tech

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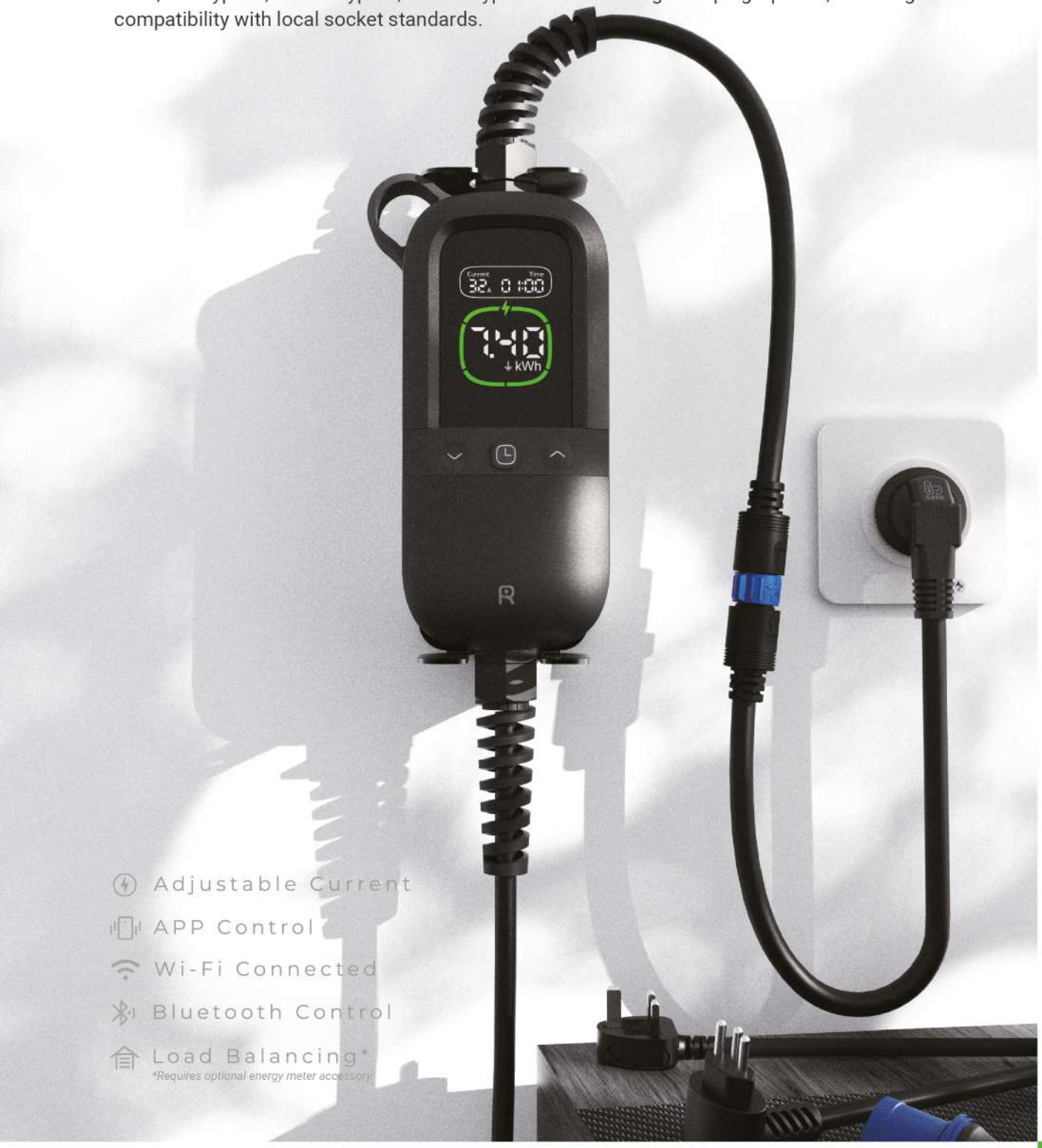
On the Go

Portable EV Charger

PC200 Pro Series 7K4 | 11K

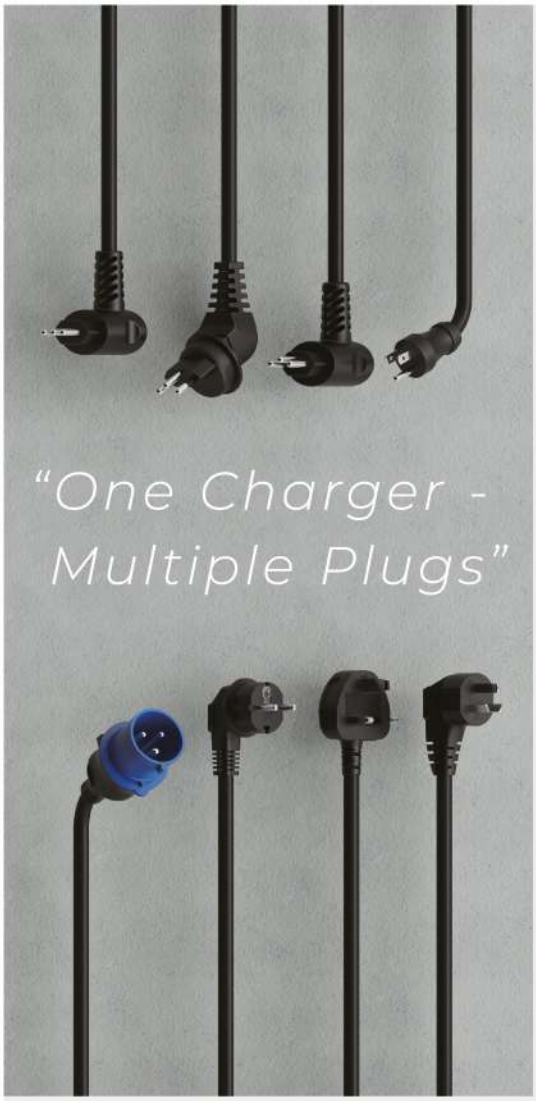
Download on the App Store Available on Google Play

This portable EV charger offers convenient charging wherever you are, with no fixed installation required. The integrated Quick Switch system allows easy interchange between CEE 32 A, Schuko 16 A, UK Type G, Swiss Type J, Italian Type L and other regional plug options, ensuring broad compatibility with local socket standards.

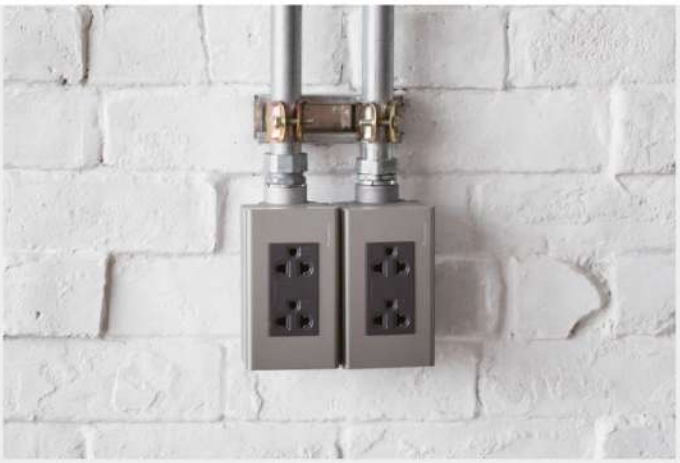


- Adjustable Current
- APP Control
- Wi-Fi Connected
- Bluetooth Control
- Load Balancing*

*Requires optional energy meter accessory.



"One Charger - Multiple Plugs"



Available in **7.4 kW** and **11 kW versions**

7.4 kW Connector
Blue

11 kW Connector
Red

"Plug Options to Suit Your Needs"

Portable EV Charger

PC200 Pro Series

General Specifications	PC200 Pro-7K4	PC200 Pro-11K
Charging Mode	Mode 2 (IC-CPD)	
Max. Charging Power	7.4 kW	11 kW
Rated Voltage	220-240 V AC	400 V AC
Frequency	50 / 60 Hz	
Charging Current	6–32 A adjustable* *Maximum charging current depends on the connected plug adapter.	6–16 A adjustable*
Power Plug (Standard)	CEE 32 A, 230 V, 1-phase (blue, IEC 60309)	CEE 16 A, 400 V, 3-phase (red, IEC 60309)
Power Plug (Optional)	Various plug adapters available depending on regional requirements.	
Cable Color	Black	
Weight	5 kg (without packaging)	5.8 kg (without packaging)

Hardware & Installation		
Dimensions	200 x 90 x 67 mm	
Connector	Type 2 (IEC 62196)	
Charging Cable Length	6 m (3 × 6 mm²)	6 m (5 × 2.5 mm²)
Input Cable Length	0.8 m (Plug Cable 0.3 m + Housing Cable 0.5 m)	
Housing Material	PC (impact-modified)	

Operation & Access	
Display	3.5-inch Screen
Operation Panel	Mechanical Button
Charger Control Method	On-device | Mobile app
Charging Access Method	Plug and Charge | Mobile app
Charging Current Adjustment	On-device | Mobile app

Communication Modules	
Wi-Fi Module	IEEE 802.11 b/g/n, 2.4 GHz (2412-2484 MHz)
Bluetooth Module	BLE 5.0, 2.4 GHz

System Status & Environment	
Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m

Safety & Compliance	
RCD(Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection | Connector Temperature Protection
Protection Rating	Enclosure: IP65
Charging Connector Protection	IP54 (plugged)
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	IEC 62752 | IEC 62196 | IEC 62893
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

Portable EV Charger

PC200 Series 3K6 | 7K4 | 11K

An ergonomically designed portable charging station with a large integrated display. Certified to multiple safety standards, it supports most private charging scenarios with simple plug-and-play operation.

Adjustable Current

"Engineered for Safety, Stability, and Dependable Use"

Included: Carry Bag · Anti-theft Bracket · Anti-theft Padlock

Portable EV Charger

PC200 Series

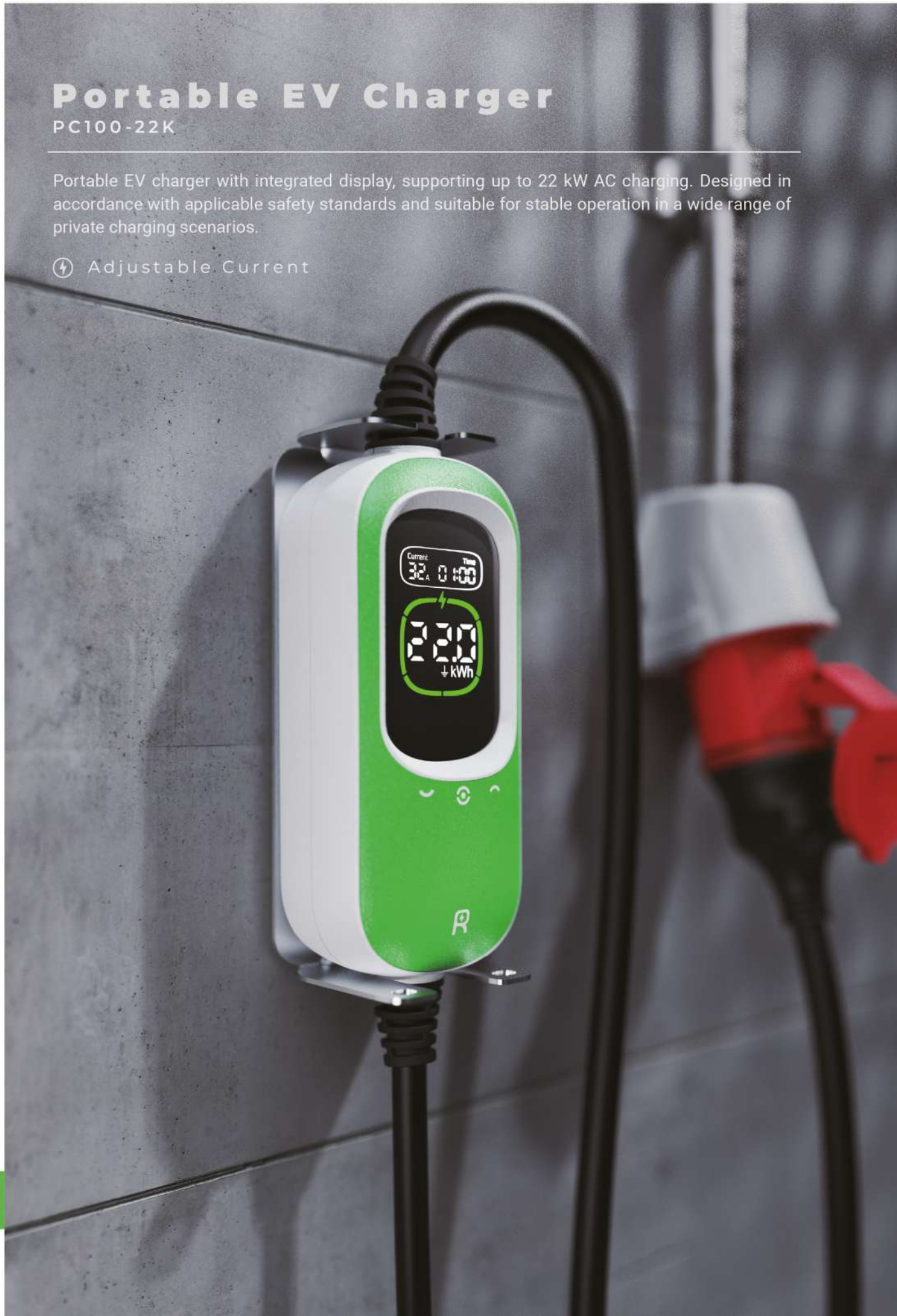
General Specifications	PC200-3K6	PC200-7K4	PC200-11K
Charging Mode		Mode 2 (IC-CPD)	
Max. Charging Power	3.6 kW	7.4 kW	11 kW
Rated Voltage	220-240 V AC	220-240 V AC	400 V AC
Frequency		50 / 60 Hz	
Charging Current	6–16 A (adjustable)	6–32 A (adjustable)	6–16 A (adjustable)
Power Plug	Schuko Plug 16 A (Type E/F)	CEE 32 A, 230 V, 1-phase (blue, IEC 60309)	CEE 16 A, 400 V, 3-phase (red, IEC 60309)
Cable Color		Black	
Weight	4 kg (without packaging)	4.5 kg (without packaging)	4.8 kg (without packaging)
Hardware & Installation			
Dimensions		200 x 90 x 67 mm	
Connector		Type 2 (IEC 62196)	
Charging Cable Length	6 m (3 × 2.5 mm²)	6 m (5 × 6 mm²)	6 m (5 × 2.5 mm²)
Input Cable Length		1.2 m	
Housing Material		PC (impact-modified)	
Operation & Access			
Display		3.5-inch Screen	
Operation Panel		Mechanical Button	
Charger Control Method		On-device	
Charging Access Method		Plug and Charge	
Charging Current Adjustment		On-device	
System Status & Environment			
Operating Temperature		−30 °C to +50 °C	
Storage Temperature		−40 °C to +60 °C	
Operating Relative Humidity		5 % to 95 %	
Altitude Limit		≤ 3000 m	
Safety & Compliance			
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.		
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection		
Protection Rating	Enclosure: IP65		
Charging Connector Protection	IP54 (plugged)		
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)		
Harmonised Standards	IEC 62752 | IEC 62196 | IEC 62893		
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.		

Portable EV Charger

PC100-22K

Portable EV charger with integrated display, supporting up to 22 kW AC charging. Designed in accordance with applicable safety standards and suitable for stable operation in a wide range of private charging scenarios.

Adjustable Current



Portable EV Charger

PC100-22K

General Specifications	
Charging Mode	Mode 2 (IC-CPD)
Max. Charging Power	22 kW
Rated Voltage	400 V AC
Frequency	50 / 60 Hz
Charging Current	6–32 A (adjustable)
Power Plug	CEE 32 A, 400 V, 3-phase (red, IEC 60309)
Cable Color	Black
Weight	5 kg (without packaging)
Hardware & Installation	
Dimensions	212 x 94 x 65 mm
Connector	Type 2 (IEC 62196)
Charging Cable Length	6 m (5 × 6 mm²)
Input Cable Length	1.2 m
Housing Material	PC (impact-modified)
Operation & Access	
Display	3.5-inch Screen
Operation Panel	Touch Button
Charger Control Method	On-device
Charging Access Method	Plug and Charge
Charging Current Adjustment	On-device
System Status & Environment	
Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection
Protection Rating	Enclosure: IP65 | Plug (when connected): IP44
Charging Connector Protection	IP54 (plugged)
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	IEC 62752 | IEC 62196 | IEC 62893
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

"Bidirectional Ready -
Charge or Share Power"

PowerShare Set

PC280-7K2

A bidirectional AC charging solution supporting both vehicle charging and power export (V2L / V2V). Designed for controlled, safe operation in residential and portable use.

Adjustable Current

"Flexible Energy Use -
Power Beyond Driving"

"Integrated Protection -
Safe in Both Modes"

PowerShare Set

PC280-7K2

General Specifications	
Charging Mode	Mode 2 (IC-CPD)
Max. Charging Power	7.2 kW
Rated Voltage	220-240 V AC
Frequency	50 / 60 Hz
Charging Current	Schuko: 6-16 A (adjustable) | CEE 32: 6–32 A (adjustable)
Power Plug	Schuko Plug (Type E/F), 16 A | CEE 32 A, 230 V, 1-phase (blue, IEC 60309)
Cable Color	Black
Weight	4.5 kg (without packaging)
Hardware & Installation	
Dimensions	200 x 90 x 67 mm
Connector	Type 2 (IEC 62196)
Charging Cable Length	6 m (3 × 6 mm²)
Input Cable Length	1.3 m (Plug Cable 0.5 m + Housing Cable 0.8 m)
Housing Material	PC (impact-modified)
Operation & Access	
Display	3.5-inch Screen
Operation Panel	Mechanical Button
Charger Control Method	On-device
Charging Access Method	Plug and Charge
Charging Current Adjustment	On-device
System Status & Environment	
Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection
Protection Rating	Enclosure: IP65
Charging Connector Protection	IP54 (plugged)
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	IEC 62752 | IEC 62196 | IEC 62893
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

PowerShare Kit

AC800 For PC280-7K2

Power Strip (V2L) **- Specifications**

Rated Current	16 A (Max.)
Rated Voltage	230 V AC
Frequency	50 / 60 Hz
Output Power	3680 W (Max.)
Output Socket	3 × Schuko (CEE 7/7), IP44
Cable Length	0.5 m
Cable Color	Black
Weight	0.4 kg (without packaging)
Remark	Actual output power depends on the vehicle's on-board charger (OBC).

EV to EV Type 2 Plug (V2V) **- Specifications**

Rated Current	32 A (Max.)
Rated Voltage	230 V AC
Frequency	50 / 60 Hz
Transfer Power	7.2 kW (Max.)
Connector Type	Type 2 (IEC 62196)
Cable Length	0.8 m
Cable Color	Black
Weight	0.8 kg (without packaging)
Remark	Compatible with specific EV models. | Actual transfer power depends on the vehicle's OBC.

General Environment

Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m

General Safety & Compliance

	Protection functions are provided by the PC280-7K2 unit.
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection
Charging Connector Protection	IP54 (plugged)
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	EN IEC 62196 | EN IEC 62893
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

In Your Garage

"Space-Saving -
No More Garage Gymnastics"

Wallbox

WB500 Series 7K2 | 11K | 22K

Download on the App Store Available on Google Play

Designed to save garage space, this ultra-slim wall-mounted charging station integrates smoothly into home environments. The built-in clock and calendar activate with motion detection, and with the optional AC300 Flexi Torch, it can also serve as a practical garage light. With RFID authorization and mobile app control, WB500 provides a convenient and flexible charging solution for residential garages and indoor parking spaces.

*"Designed for Garage Use -
Everything Tailored for the EV Owner"*

Wallbox

WB500 Series

General Specifications	WB500-7K2	WB500-11K	WB500-22K
Max. Charging Power	7.2 kW	11 kW	22 kW
Rated Voltage	220-240 V AC	400 V AC	400 V AC
Frequency		50 / 60 Hz	
Charging Current	6–32 A adjustable	6–16 A adjustable	6–32 A adjustable
Power Plug (cable end treatment optional)	CEE 32 A, 230 V, 1-phase (blue, IEC 60309)	CEE 16 A, 400 V, 3-phase (red, IEC 60309)	CEE 32 A, 400 V, 3-phase (red, IEC 60309)
Cable Color		Black	
Weight	6.2 kg (without packaging)	5.8 kg (without packaging)	7.5 kg (without packaging)
Hardware & Installation			
Dimensions		310 x 270 x 67 mm	
Connector		Type 2 (IEC 62196)	
Charging Cable Length	6 m (3 × 6 mm²)	6 m (5 × 2.5 mm²)	6 m (5 × 6 mm²)
Input Cable Length		1.5 m	
Housing Material		PC (impact-modified)	
Installation Method		Wall-mounted	
Function Support		AC300- Flexi Torch | AC500- Smart Load Balancer	
Operation & Access			
Display		7-inch Screen	
Operation Panel		Touch Button	
Charger Control Method		On-device | Mobile app	
Charging Access Method		RFID card | Mobile app	
Charging Current Adjustment		On-device | Mobile app	
Communication Modules			
Wi-Fi Module		IEEE 802.11 b/g/n, 2.4 GHz (2412-2484 MHz)	
Bluetooth Module		BLE 5.0, 2.4 GHz	
RFID Module		13.56 MHz	
System Status & Environment			
Display Power Consumption		≤ 5 W	
Standby Power Consumption		5–18 W (depending on indicator activity)	
Operating Temperature		−30 °C to +50 °C	
Storage Temperature		−40 °C to +60 °C	
Operating Relative Humidity		5 % to 95 %	
Altitude Limit		≤ 3000 m	
Safety & Compliance			
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.		
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection (Optional) | Stop Button		
Protection Rating	Enclosure: IP65 | Plug (when connected): IP44		
Charging Connector Protection	IP54 (plugged)		
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)		
Harmonised Standards	IEC 61851 | IEC 62196		
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.		

Flexi Torch

AC300

Flexi Torch

AC300

General Specifications

Input	5 V ⎓ 0.5A
Battery Type	Lithium-ion
Battery Rated Voltage	3.6 V DC
Battery Rated Capacity	1600 mAh
Charging Time	Approx. 180 min
Housing Material	Aluminum Alloy
Dimensions	43 × 36 × 210 mm
Weight	215 g (without packaging)

Lighting Performance

Main Light Luminous Flux	200 lm
Main Light Beam Distance	> 30 m
Main Light Runtime (single operation)	Up to 7 hours
Side Light Luminous Flux	120 lm
Side Light Runtime (single operation)	Up to 5 hours

System Status & Environment

Charging Temperature	0 °C to +50 °C
Operating Temperature	−10 °C to +45 °C
Storage Temperature	−10 °C to +60 °C (recommended: +15 °C to +25 °C, RH < 60 %)
Operating Relative Humidity	10 % to 85 %
Altitude Limit	≤ 2000 m

Safety & Compliance

Protection Rating	IP54
Compliance (EU Directives)	Conforms to applicable European directives.
Harmonised Standards	EN IEC 60598-1:2021+A11:2022 | EN 60598-2-4:2018 EN IEC 62031:2020+A11:2021 | EN 62493:2015+A1:2022
Warranty	1 Years, statutory consumer rights remain unaffected by this warranty.

Smart Load Balancer

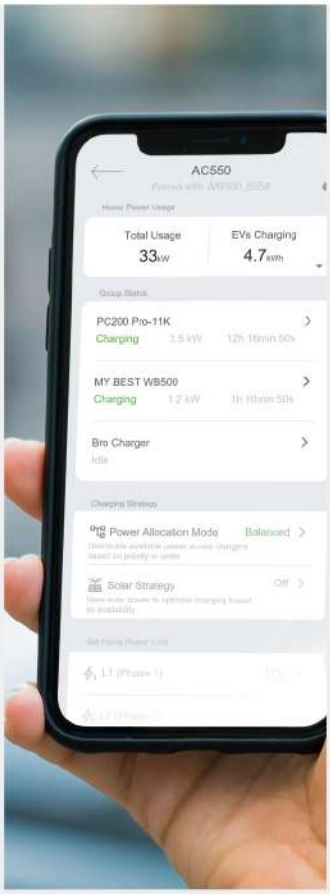
AC500

A compact DIN rail-mounted load balancer that works with Rheidon Tech charging stations to dynamically manage charging power within your home's total electrical capacity - preventing circuit overload and supporting solar surplus charging.

Smart Load Balancer

AC500

General Specifications	
Input	200–240 V AC
Frequency	50/60 Hz
Power Consumption	1 W
System Compatibility	Single-phase and Three-phase Systems
Weight	200 g (without packaging)
Hardware & Installation	
Dimensions	120 × 40 × 70 mm (excluding DIN rail spring)
Cable Cross-section	0.5–2.5 mm²
AC Input Terminal	4-pin Screw Terminal (L1, L2, L3, N)
Signal Input Terminal	6-pin Screw Terminal
CT Connection	Split-core Current Transformer (CT) Clamps (for L1, L2, L3)
Housing Material	PC (impact-modified), UL94 V-0
Insulation Class	Class II
Installation	Indoor Use Only (installation inside electrical cabinet required)
DIN Rail Mounting	2 Module
Operation & Access	
Control Method	Mobile app
Communication Modules	
Wireless Communication	Integrated Radio Module (for EV charger communication only)
System Status & Environment	
Operating Temperature	-30 °C to +50 °C
Storage Temperature	-40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
Internal Protection	Fuse (F1: T1A, 300 V)
Protection Rating	IP20
Compliance (EU Directives)	Conforms to applicable European directives.
Harmonised Standards	EN 300 328 | EN 301 489-1 | EN 301 489-17 | EN 61010-1 | EN 62479
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.



Smart Load Balancer

AC550

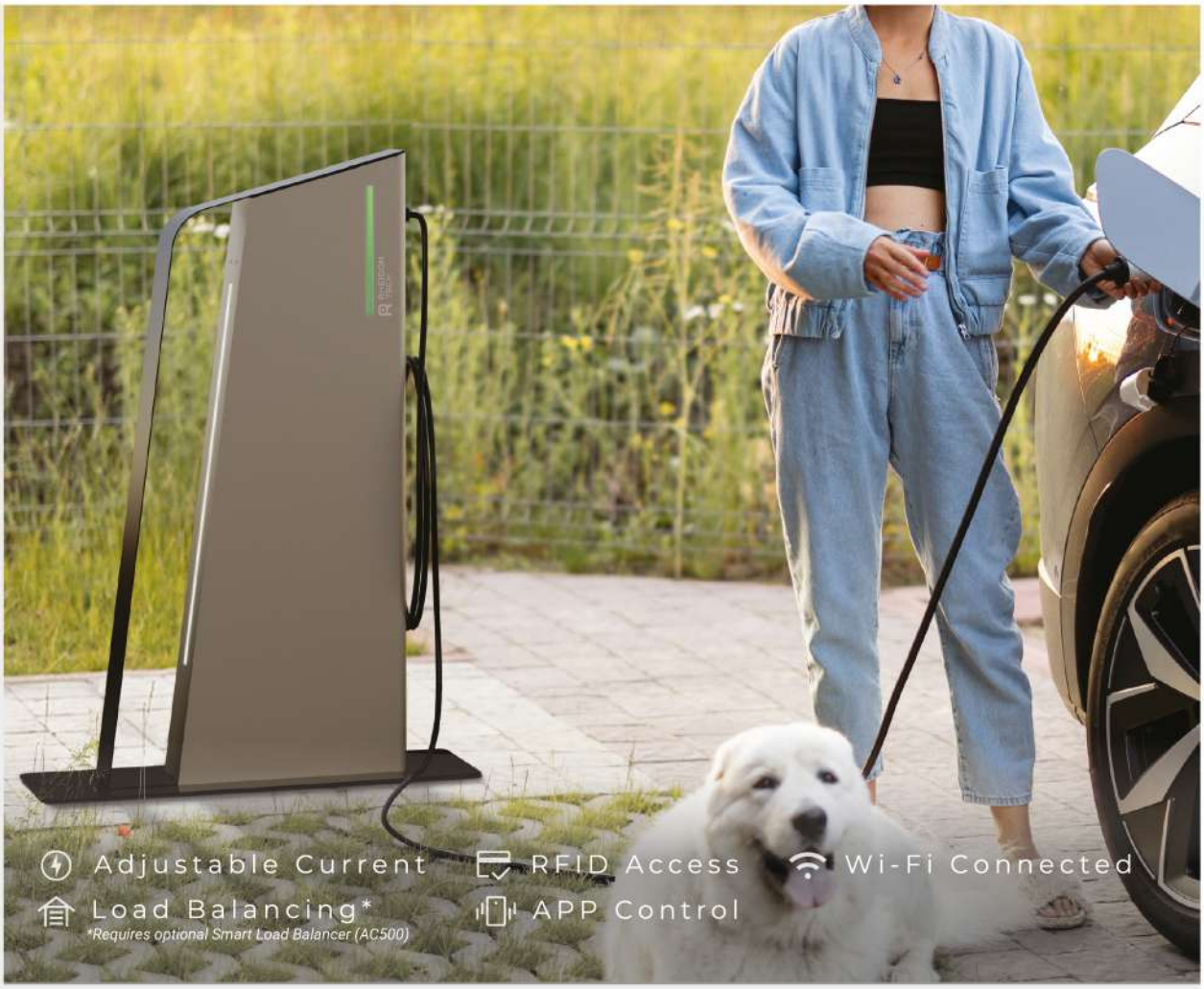
An advanced DIN rail-mounted load balancer designed for grouped EV charging management. Working with Rheidon Tech chargers, the AC550 dynamically distributes charging power across multiple chargers within the available electrical capacity, helping prevent overload while enabling charging priority control and intelligent load scheduling.

Smart Load Balancer

AC550

General Specifications	
Input	200–240 V AC
Frequency	50/60 Hz
Power Consumption	3 W
System Compatibility	Single-phase and Three-phase Systems
Weight	200 g (without packaging)
Hardware & Installation	
Dimensions	120 × 40 × 70 mm (excluding DIN rail spring)
Cable Cross-section	0.5–2.5 mm²
AC Input Terminal	5-pin Screw Terminal (L1, L2, L3, N,PE)
Signal Input Terminal	6-pin Screw Terminal
CT Connection	Split-core Current Transformer (CT) Clamps (for L1, L2, L3)
Housing Material	PC (impact-modified), UL94 V-0
Insulation Class	Class II
Installation	Indoor Use Only (installation inside electrical cabinet required)
DIN Rail Mounting	2 Module
Operation & Access	
Control Method	Mobile app
Communication Modules	
Wi-Fi Module	IEEE 802.11 b/g/n, 2.4 GHz (2412-2484 MHz)
Bluetooth Module	BLE 5.0, 2.4 GHz
Detachable Antenna	Screw-mount Wi-Fi antenna with 3m adhesive base
System Status & Environment	
Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
Internal Protection	Fuse (F1: T1A, 300 V)
Protection Rating	IP20
Compliance (EU Directives)	Conforms to applicable European directives.
Harmonised Standards	EN 18031-1 | EN 300 328 | EN 301 489-1 | EN 301 489-17 | EN 62311 RoHS (2011/65/EU) & REACH | WEEE (2012/19/EU)
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

Outdoor Home Charging



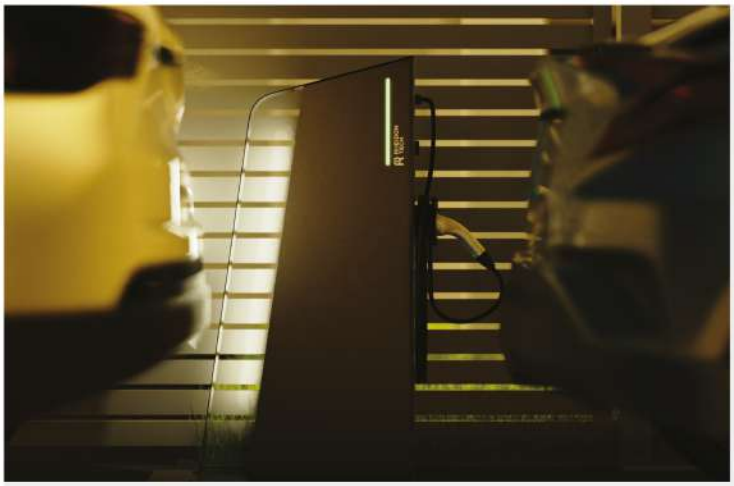
"Freestanding Design - for Outdoor Installation"

Garden Charger

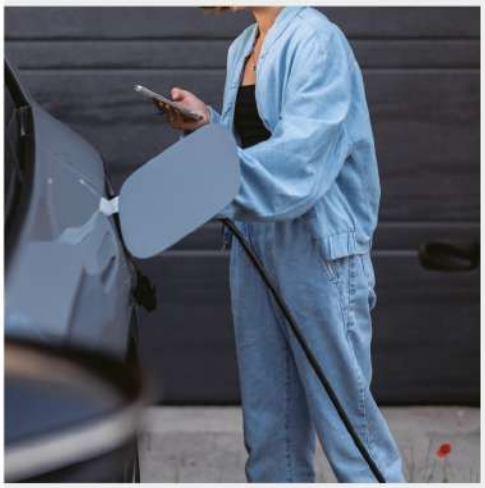
HC800 series HC800 | HC820

Download on the App Store Available on Google Play

A multifunctional outdoor charger combining EV charging and ambient lighting in a single elegant design. Supporting charging power up to 22 kW, the HC800 series provide convenient charging for residential and outdoor environments. With RFID authorization and mobile app control, it offers a flexible and practical charging solution for gardens, pathways, and private parking areas.



"Integrated Lighting -
Charge After Dark"



HC820– Type 2 Socket
HC800– Type 2 Tethered Cable

Garden Charger

HC800 series

	HC800-22K	HC820-22K
General Specifications		
Max. Charging Power	22 kW	
Rated Voltage	400 V AC	
Frequency	50 / 60 Hz	
Charging Current	6–32 A adjustable	
Power Plug	CEE 32 A, 400 V, 3-phase (red, IEC 60309), cable end treatment optional.	
Grid Connection	3-phase (L1, L2, L3, N, PE)	
Cable Color	Black	
Weight	45 kg (without packaging)	40 kg (without packaging)
Hardware & Installation		
Dimensions	800 × 260 × 1320 mm	
Connector	Type 2 (IEC 62196)	Type 2 Socket (user-supplied charging cable required)
Charging Cable Length	6 m (5 × 6 mm²)	N/A (socket version)
Input Cable Length	1.8 m (with waterproof junction box)	
Input Cable Type	H07BQ-F, rated 450/750 V	
Recommended Supply Cable	5 × 6 mm² (32 A)	
Recommended Circuit Breaker	40 A	
Power Supply System	TN / TT	
Housing Material	Powder-coated Galvanized Steel	
Installation Method	Flanged Mounting	
Function Support	AC500- Smart Load Balancer	
Operation & Access		
Lighting Control	Mobile app	
Charger Control Method	Mobile app	
Charging Access Method	RFID card | Mobile app	
Charging Current Adjustment	Mobile app	
Communication Modules		
Wi-Fi Module	IEEE 802.11 b/g/n, 2.4 GHz (2412-2484 MHz)	
RFID Module	13.56 MHz	
System Status & Environment		
Status Display	RGB lighting, 5 V DC / 5 W (Max)	
Garden Lighting	Constant current, 24 V DC, CCT 4000 K, CRI >90, 15 W (Max)	
Standby Power Consumption	3 W (all lights standby mode) to 18 W (all lights fully loaded)	
Operating Temperature	−30 °C to +50 °C	
Storage Temperature	−40 °C to +60 °C	
Operating Relative Humidity	5 % to 95 %	
Altitude Limit	≤ 3000 m	
Safety & Compliance		
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.	
Safety Protection	Overcurrent Protection | Short-Circuit Protection | Surge Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Residual Current Protection | Overtemperature Protection Plug Temperature Protection (Optional) | Stop Button	
Protection Rating	Enclosure: IP65	
Impact Resistance	IK10	
Charging Connector Protection	IP54 (plugged)	No
Charging Cable Locking Device	No	Yes
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) | 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)	
Harmonised Standards	IEC 61851 | IEC 62196	
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.	

Pedestal Charger

HC720-22K

Download on the App Store

Available on Google Play

A freestanding AC EV charging station designed for outdoor installation in residential and commercial environments. Equipped with a Type 2 socket, the HC720 allows users to connect their own charging cable while supporting charging power up to 22 kW. With RFID authorization and mobile app control, it offers a flexible and convenient charging solution for driveways, gardens, and outdoor parking areas.

- Adjustable Current
- APP Control
- Load Balancing*
  **Requires optional Smart Load Balancer (AC500)*
- RFID Access
- Wi-Fi Connected

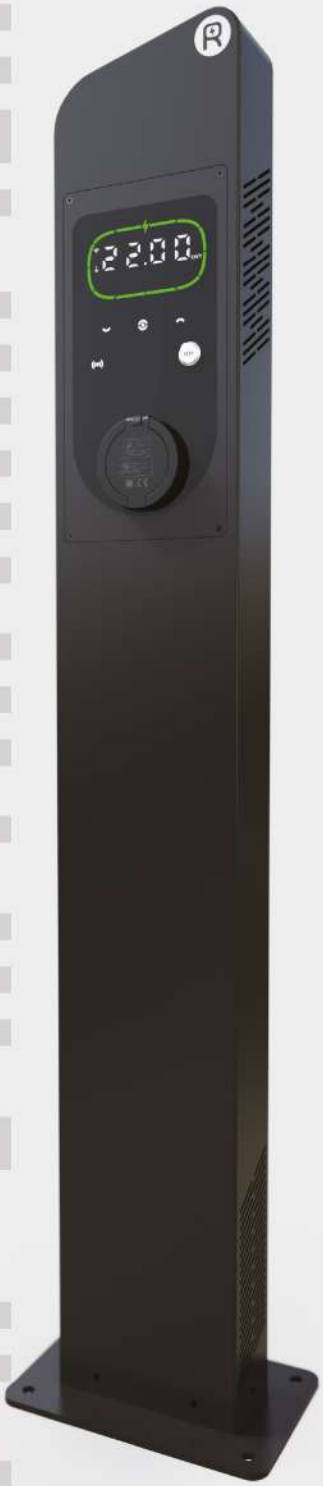
"Reliable Pedestal Charging for Modern Environments"

BETTER CHARGING EXPERIENCE

Pedestal Charger

HC720-22K

General Specifications	
Max. Charging Power	22 kW
Rated Voltage	400 V AC
Frequency	50 / 60 Hz
Charging Current	6–32 A adjustable
Power Plug	CEE 32 A, 400 V, 3-phase (red, IEC 60309) cable end treatment optional.
Grid Connection	3-phase (L1, L2, L3, N, PE)
Cable Color	Black
Weight	32 kg (without packaging)
Hardware & Installation	
Dimensions	320 x 200 x 1500 mm
Connector	Type 2 Socket (user-supplied charging cable required)
Charging Cable Length	N/A (socket version)
Input Cable Length	1.8 m (with waterproof junction box)
Input Cable Type	H07BQ-F, rated 450/750 V
Recommended Supply Cable	5 × 6 mm² (32 A)
Recommended Circuit Breaker	40 A
Power Supply System	TN / TT
Housing Material	Powder-coated Galvanized Steel
Installation Method	Flanged Mounting
Function Support	AC500- Smart Load Balancer
Operation & Access	
Display	7-inch Screen
Operation Panel	Touch Button
Charger Control Method	On-device | Mobile app
Charging Access Method	RFID card | Mobile app
Charging Current Adjustment	On-device | Mobile app
Communication Modules	
Wi-Fi Module	IEEE 802.11 b/g/n, 2.4 GHz (2412-2484 MHz)
RFID Module	13.56 MHz
System Status & Environment	
Display Power Consumption	≤ 5 W
Standby Power Consumption	5–18 W (depending on indicator activity)
Operating Temperature	−30 °C to +50 °C
Storage Temperature	−40 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
RCD (Residual Current Device)	Type A 30 mA + 6 mA DC leakage detection with protective conductor monitoring.
Safety Protection	Overcurrent Protection | Ground (PE) Protection Overvoltage / Undervoltage Protection | Surge Protection Residual Current Protection | Overtemperature Protection Short-Circuit Protection | Stop Button Plug Temperature Protection (Optional)
Protection Rating	Enclosure: IP65
Impact Resistance	IK10
Charging Cable Locking Device	Yes
Compliance (EU Directives)	2014/35/EU (Low Voltage Directive) 2014/30/EU (EMC Directive) 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	IEC 61851 / IEC 62196
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.



Accessories

EV Charging Cable Holder

AC250 | AC260

Standard Trigger
AC250

Smart Trigger
AC260

Standard Trigger AC250

A durable wall-mounted holder designed for secure storage of the EV charging connector. A simple and reliable solution without electronic components.

Smart Trigger AC260

Equipped with a wireless signal module that automatically opens the charge port cover on compatible Tesla vehicles when the connector is removed.

EV Charging Cable Holder

AC250 | AC260

General Specifications

Compatible Connector (Standard)	Type 2 EV connector (IEC 62196)
Mounting Method	Wall-mounted
Maximum Load Capacity	4 kg
Housing Material	PC / ABS
Dimensions	160 × 107 × 82 mm
Weight	280 g (without packaging)

Communication (AC260 only)

Wireless Signal Module	Built-in
Wireless Frequency	433 MHz

Environment

Installation Environment	Suitable for outdoor installation.
Operating Temperature	−20 °C to +50 °C
Storage Temperature	−20 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m

Safety & Compliance

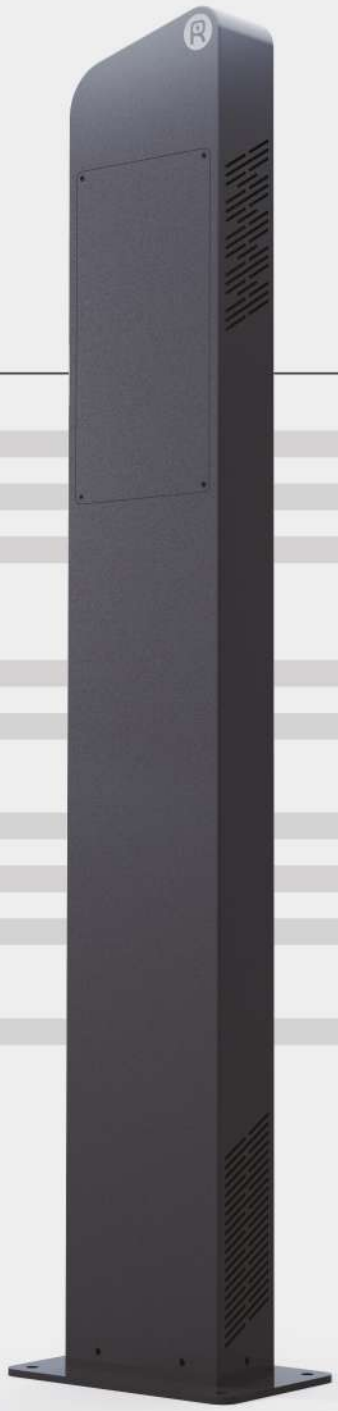
Protection Rating	IP65
Compliance (EU Directives)	RED 2014/53/EU | 2011/65/EU and (EU) 2015/863 (RoHS)
Harmonised Standards	EN 300 220 | EN 301 489 | EN 62479:2010
Warranty	2 Years, statutory consumer rights remain unaffected by this warranty.

"Customizable Mounting for Multiple Charger Models"

Charger Stand

AC700

A durable freestanding stand designed for the installation of EV chargers. The top mounting plate can be customized according to charger mounting patterns, making it ideal for large-volume projects requiring flexible compatibility with different charger models.



Charger Stand

AC700

General Specifications	
Compatible Chargers	Various wall-mounted EV chargers.
Custom Mounting Plate	Hole pattern customizable upon request.
Maximum Load Capacity	20 kg
Housing Material	Powder-coated Galvanized Steel
Dimensions	320 × 200 × 1500 mm (The dimensions include the flange)
Weight	16 kg (without packaging)
Installation	
Installation Method	Flanged Mounting
Mounting Plate	Pre-drilled / Customizable hole pattern
Cable Routing	Internal cable routing supported
Environment	
Installation Environment	Suitable for outdoor installation.
Operating Temperature	−30 °C to +60 °C
Storage Temperature	−30 °C to +60 °C
Operating Relative Humidity	5 % to 95 %
Altitude Limit	≤ 3000 m
Safety & Compliance	
Impact Resistance	IK10
Warranty	1 Years

Our Mission

"To make electric driving more accessible, convenient, and enjoyable"

It starts with delivering a better charging experience- safe, smart, and simple, whether you're at home or on the move.

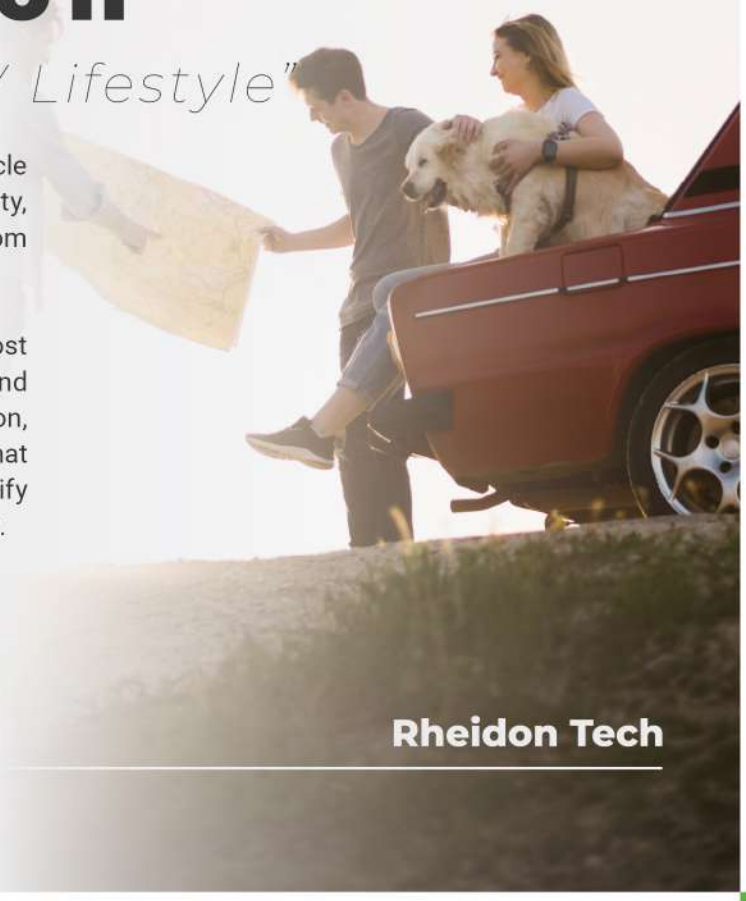
But we're not stopping there. We're here to support the entire EV lifestyle, building solutions that simplify everyday life, spark new adventures, and help people embrace the freedom of electric driving.

Our Vision

"To Power the EV Lifestyle"

We envision a world where electric vehicle owners live without limits- no range anxiety, no confusing infrastructure, just the freedom to drive, explore, and recharge with ease.

At Rheidon Tech, our goal is to be the most trusted name in personal EV charging and lifestyle solutions. Through innovation, quality, and a deep understanding of what EV owners truly need, we're here to electrify not just the road—but everything around it.



Rheidon Tech Limited

https://rheidon.com/