ChargePack®

Electric Vehicle Charger

Hera EV charger is compatible with all electric vehicles, offering a convenient and reliable charging experience. With its economical and practical charging options, it is suitable for various applications. Depending on user preferences, it offers cable or socket options, and with 1-phase or 3-phase choices and adjustable power output, it provides a solution that fits all electrical infrastructures. Its wide range of connectivity options enables remote access, offering greater control. Available in hardware options such as Personal, Smart, and Smart+, it is ideal for use in residential complexes, business centers, and parking lots due to its remote management capabilities.

ChargePack®
Personal

Hera EV charger is compatible with all electric vehicles, providing users with a comfortable charging experience. This unit is favored for various applications due to its economical and practical charging options and stands out for its easy installation. EV charger designed for individual use provide secure and fast charging through RFID card access and Plug&Play mode.

ChargePack®
Smart

Hera ChargePack® Smart offers extensive connectivity options, equipped with WiFi, Bluetooth, and Ethernet technologies. Its OCPP-based structure allows for remote access and management. It is an ideal solution for shared spaces such as residential complexes, business centers, and parking lots. Through Hera mobile app, users can be created, charging sessions can be started and stopped, and charging history can be viewed.

ChargePack®
Smart+

Hera ChargePack® Smart+ offers extensive connectivity options, including 4G, WiFi, Bluetooth, and Ethernet technologies. Its built-in 4G capability provides independent internet access without the need for wired infrastructure. With an OCPP-based structure, it allows for remote access and management. Through Hera mobile app, users can be created, charging sessions can be started and stopped, and charging history can be viewed.

Cable Organizer Functional Design

With its exterior design suitable for cable winding and an internal socket holder, your EV charger can be used comfortably without needing additional cable management accessories. The locking mechanism in the socket holder prevents the socket from falling off on its own.

5 Meter Integrated Cable

Hera cabled EV charger offers maximum convenience with its 5-meter integrated cable. There's no need to use a separate cable from your vehicle, saving you time and eliminating cable clutter. The ample cable length addresses distance issues in parking spaces, allowing you to park and charge your vehicle comfortably.

Locked Socket Holder Mechanism

The locking mechanism on the socket holder prevents accidental dislodging. This helps protect the socket from damage and makes the unit safer in case of impacts.

Highly Visible Pentagonal LED

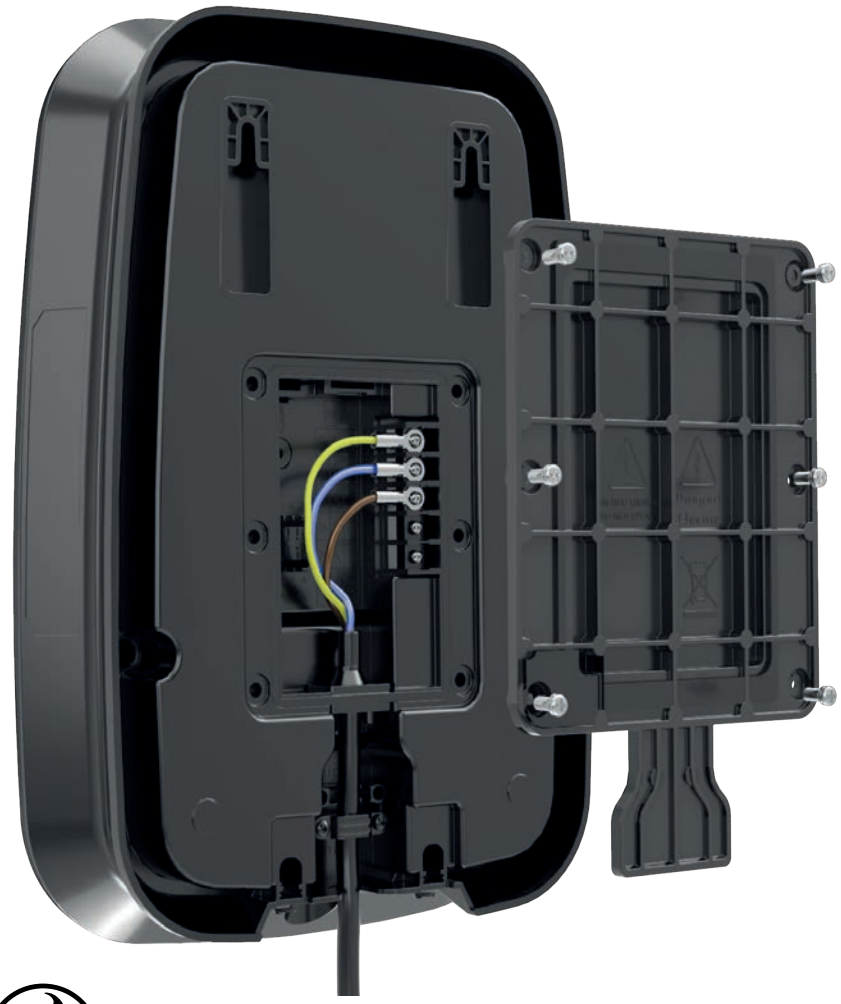
Hera charging unit features a pentagonal LED design that makes it easy to monitor charging status from any angle. Inspired by the Hera logo, our unique LED design is a registered industrial design with the European Patent Office. The Pentagon Status LED illuminates in various colors to provide real-time alert messages to the user.

Charging Status Monitoring

To check the charging status without needing to access your vehicle, the pentagonal LEDs provide updates through different colors. These LEDs make it easy to see whether the charging is ready, in progress, completed, or if an error has occurred, allowing you to quickly identify and address any potential issues.

Easy Installation Without Opening the Casing

Hera EV charger can be installed quickly and securely in just 10 minutes using the connection panel at the rear, without needing to open the main casing.



IP54 IP55 IK10

Dual-Layer Polycarbonate Housing

Hera EV charger offers high durability against external conditions with its dual-layer polycarbonate UL 94 V0 housing. This design ensures superior protection against high temperatures and impacts. Additionally, it has an IK10-rated impact protection certification.

Full Adaptation to Harsh Weather Conditions

IP54 IP55 IK10

Hera EV charger is designed to withstand challenging weather conditions, meeting IP54/55 and IK10 durability standards. With a wide temperature range (-40°C to +50°C), it delivers high performance in both hot and cold climates.

Charging with RFID Card

Hera EV charger is equipped with 2 Slave (user) and 1 Master RFID cards, enhancing security in shared spaces by preventing unauthorized use.

Plug&Play Feature

For standalone areas, you can activate the Plug&Play feature to start charging quickly and easily without needing any authorization protocols.

Compatible with All Vehicles

Hera EV charger is designed to be fully compatible with all electric vehicles. This ensures that electric vehicles from different brands and models can be charged safely and seamlessly.

Adjustable Maximum Power Output of 7.4kW and 22kW

Hera EV charger is compatible with all electrical infrastructures and offers adjustable power output with options for 1-phase or 3-phase connections. It provides a maximum power output of 7.4 kW on a single phase and up to 22 kW on three phases, while also being safely usable at lower power levels.

Automatic Phase Detection System

Even if your electrical infrastructure is not suitable, the internal phase detection system allows you to use the 3-phase EV charger with a 1-phase setup. This automatic system scans the network connection when power is supplied to determine the operating mode. As a result, there is no need for a site survey for installation, reducing your costs.

Internal Protection and Safety

The unit offers internal protection against overcurrent, undervoltage, overvoltage, short circuits, high temperatures, grounding issues, and transient high voltages. This ensures continuous safety. Additionally, it is equipped with an AC 30 mA and DC 6 mA RCD leakage current protection system.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Extensive Connectivity Options

The EV charger offers various connectivity options that facilitate remote access and provide greater control. Depending on the used location and infrastructure, you can choose from Ethernet, WiFi, Bluetooth, or 4G connections. These options enable remote charging operations and allow you to view charging details. Additionally, they reduce installation costs for charging network operators and offer greater flexibility.

OCPP-Based Communication

Hera EV charger communicates using the OCPP 1.6j protocol, adhering to commercial use standards. Its innovative technology allows for remote updates to OCPP 2.0. This protocol enables remote access to the EV charger and supports dynamic load management.

MID Meter and Emergency Stop Button

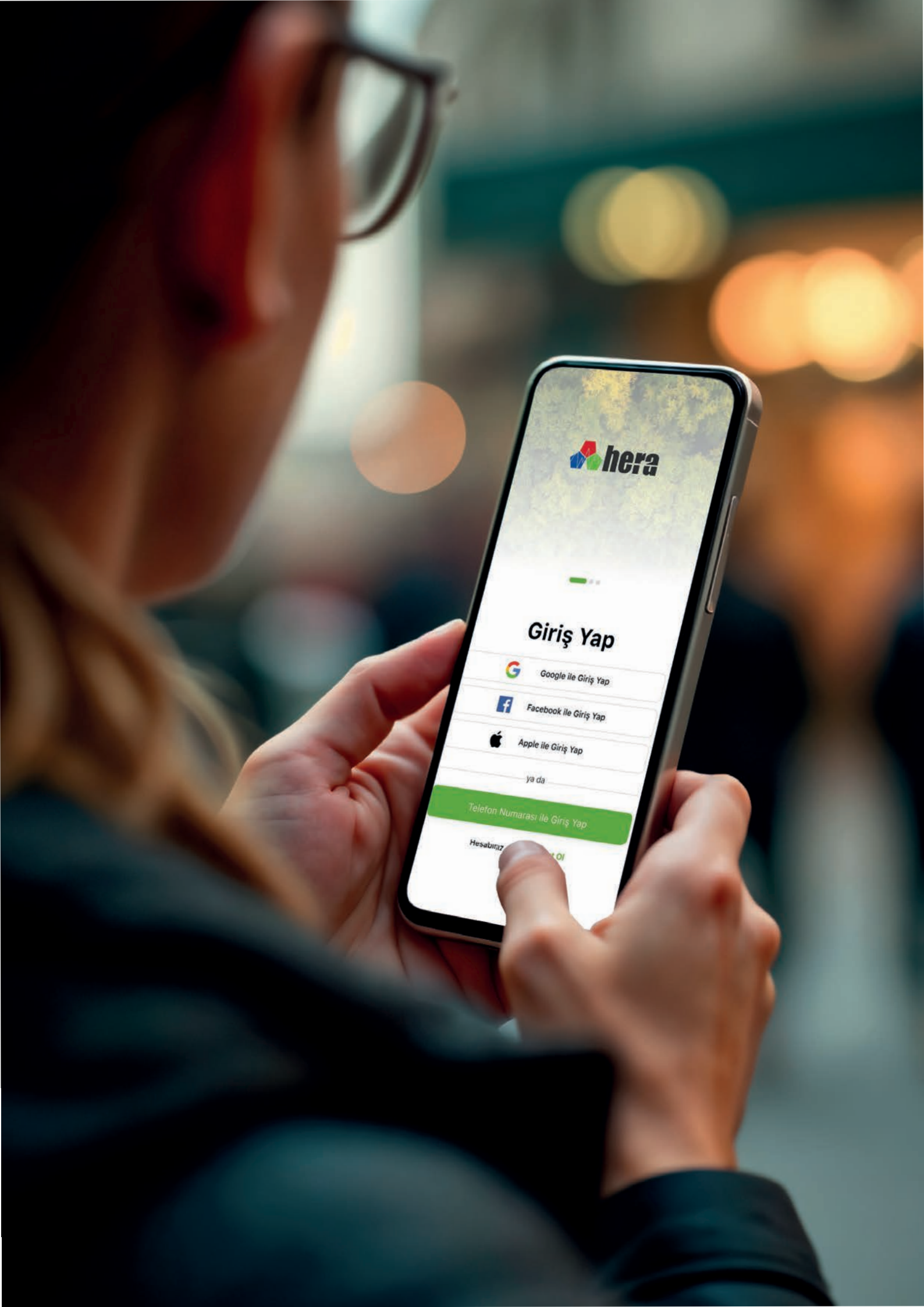
The unit offers optional features including a MID meter for high precision and reliability in measurement standards, and an Emergency Stop Button that can cut off power if needed.

Suitable Solution for Shared Spaces and Commercial Use

Sharing the EV charger is an ideal solution for various environments such as residential complexes, business centers, and parking lots. Hera Smart model electric vehicle EV chargers support different communication protocols and offer mobile app and web portal support, making them suitable for shared spaces and commercial use. It allows for the creation of sub-users for shared usage, RFID card identification, tracking of consumption data for each user, and provides OCPP support for commercial applications.

Dynamic Load Management

Dynamic load management is crucial for using your electrical infrastructure more efficiently in shared spaces. In locations with multiple EV chargers, OCPP-based dynamic load management provides charging capabilities with automatically adjusting power levels based on the number of vehicles. This ensures that many EV chargers can operate efficiently simultaneously, without creating high power demands.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Giriş Yap
Google ile Giriş Yap
Facebook ile Giriş Yap
Apple ile Giriş Yap
ya da
Telefon Numarası ile Giriş Yap

Mobile App Support

Hera mobile app provides easy remote access to the EV charger. In addition to individual use, it offers the capability to share the EV charger in shared spaces. Through Hera mobile app, users can be created, charging sessions can be started and stopped, and charging history can be viewed. The app also allows for the creation of charging schedules to take advantage of favorable energy tariffs and provides mobile notifications to keep you updated.

Define Users for Your EV Charger

Create an account and designate sub-users to easily track all charging activities. Access a wealth of charging data and enhance energy efficiency.

View Your Charging History

With Hera mobile app, you can easily view your charging history. Access detailed information such as energy consumption, start and end times of charging sessions, and user data.

Create a Charging Schedule

If you use a time-based energy tariff, the charging schedule feature is perfect for you. Charge your electric vehicle during the most economical energy tariff times to contribute both to the environment and your own savings.

Receive Notifications About Statuses

Mobile notifications keep you updated with real-time information. Stay informed and secure with alerts about app updates, the start and end of your charging sessions, and any unusual situations.

3-Year Warranty

When you register your Hera EV charger at www.heracharge.com, the standard 2-year warranty is extended by an additional year at no extra cost. This provides a total warranty period of 3 years for your product.

Extendable Warranty Service

You can extend your 3-year warranty to up to 5 years for a nominal fee through www.heracharge.com, providing additional protection for your product.

Your Color, Your Style

Colors and style are powerful expressions that reflect a person's character, mood, and perspective on the world. With various color options available, you can choose a product that best suits your living space, office, or personal style. It transforms a technological product from being ordinary into an integral part of your personal taste and decorative preferences.

ODM and OEM Manufacturing Options

Hera supports the industry's potential with flexible manufacturing methods. Our ODM manufacturing service offers charging network operators the option to use their own front cover color and logo, while we also provide OEM production for products with entirely independent designs.

Our Carbon (CO2) Footprint Policy

Hera EV charger unit is committed to reducing its carbon footprint throughout all stages from production to distribution worldwide. We take pride in supporting the transition to clean energy. Our charging solutions contribute to a carbon-neutral future by reducing greenhouse gas emissions and helping to create a more sustainable world for future generations. Additionally, all materials used in the packaging of Hera EV charger are made from recyclable materials.

Certification

Hera EV charger has successfully passed all relevant tests conducted by third-party, EU-approved testing laboratories. It complies with EMC (Electromagnetic Compatibility), LVD (Low Voltage Directive), CE, RoHS standards, has a minimum IP54 protection rating, IK10 impact protection rating, and adheres to the IEC 61851 standard.

Local Production

Hera, with its software, hardware, and design, is a fully local manufacturer that contributes to the national economy by producing high-tech and value-added products. The advantages of local production ensure a seamless experience in after-sales services, including fast delivery, warranty, service, and spare parts.

Technical Specifications

	7,4 KW	22 KW
Input Values		
Power Output:	Single phase: Up to 7,4 kW / 32 A	Three phase: Up to 22 kW / 32 A
Input Voltage	Single phase: 196 - 264 VAC, 50/60 Hz	Three phase: 340 - 460VAC, 50/60 Hz
Grid Connection:	Single phase: L, N, PE	Three-phase: L1, L2, L3, N, PE
Over Voltage Category:	III	
Grounding Systems:	TN-S, TN-C, TN-C-S, TT	
Protection:	Over current, Under voltage, Over voltage, Residual current, Short circuit, Over temperature, Ground fault, Integrated surge protection	
Connection:	Terminal block	
Standby Power:	<5W	
Charging Output		
Power Output:	Single phase: Up to 7,4 kW / 32 A	Three phase: Up to 22 kW / 32 A
Output Voltage:	Single phase: 196 - 264 VAC, 50/60 Hz	Three phase: 340 - 460VAC, 50/60 Hz
Connector Type:	Type2 Cable, Type2 Socket	
Cable Length:	5 meter@Cable	
Internal RCD:	AC 30mA + DC 6mA	
Energy metering:	Internal MID meter (optional)	
User Interface		
Status Indication:	Status LED ring , 5 colors	
Adjustable Current:	Rotary switch inside (Used for setting output current limitation) or App (smart products)	
Emergency:	Button (optional)	
User Authentication:	Plug&Charge Mode, RFID card and App	
Network Interface:	WiFi-Ethernet-Bluetooth (optional), 4G (optional) (RS485 ModBus RTU for energy management) (Configuration, control, monitoring and firmware update)	
Protocol:	OCPP 1.6J, upgradeable to OCPP 2.0	
Physical		
Housing:	Die-Cast Plastic	
Body Material:	High weather resistance PC material (UL 94)	
Cable Material:	HFFR (Halogen Free Flame Retardant) Multicore Cable	
Hardware:	Stainless Steel	
Gasket:	Silicone	
Surface Finish:	Dark Grey (personal models) white (smart models) (or any custom design color (optional) Custom any Water Transfer Printing Film Application (optional)	
Installation Brackets:	Wall mounting standart, Pole mounting (optional)	
Measurements:		
Weight:	3,95Kg@Socket (8,70lb), 6Kg@Cable (13,2lb)	4,65Kg@Socket (10,2lb) 6,95Kg@Cable (15,3lb)
Dimensions (H x W x D):	290x420x170mm (11,4x16,5x6,7in)	
Environmental		
Storage Temperature:	-40°C - 85°C - (-40°F-185°F)	
Start-up Temperature	-25°C - 55°C - (-13°F-131°F)	
Operating Temperature	-40°C - 55°C - (-40°F -131°F)	
Cooling:	Cooling by free air convection	
Corrosion Resistance	Complies with ASTM B117 standard	
Ingress Protection Rating:	IP55@Cable, IP54@Socket	
Impact Resistance Rating:	Ik10	
Humidity (max.):	0 to 98%, non-condensing	
Altitude:	Up to 2,000m (6,500 ft.)	
Certification		
EU Safety:	IEC 61851-1, IEC 61851-22, EN 62368-1	
EU EMC:	EN 61851-21-2, EN 61000-3-12, EN 61000-3-11, ETSI 301489-1 ,ETSI 301489-17	
US Safety:	UL 2231-2, UL 2231-1, UL 2594	
US EMC:	FCC Part 15 Class B	
Warranty:	3-year Limited Warranty	

Hera Charge Elektronik A.Ş

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