



ChargePack[®]

Smart EV Charging Solutions



Contents

2	History & Milestones	4	Mobility
6	ChargePack® Product Family	8	ChargePack® Personal
14	ChargePack® Smart	18	ChargePack® Smart+
24	Hera Charge Mobile App	26	Certification
27	Additional Accessories	28	Technical Specifications

hera Milestones

Establishment of Hera LED, focusing on architectural façade lighting manufacturing, R&D and software infrastructure.

2004

DMX RDM **plasa**
Completion of RDM and PLASA accreditations.

RDM & PLASA
2011



ÇAMLICA RADIO & TV TOWER

Illumination of Europe's tallest tower (369m), demonstrating Hera's capability to deliver complex, high-visibility and large-scale architectural lighting projects.

ÇAMLICA Radio & TV Tower
2019

2018



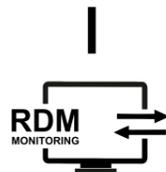
MONDO AWARDS – 2018
Two projects shortlisted at the Mondo Awards



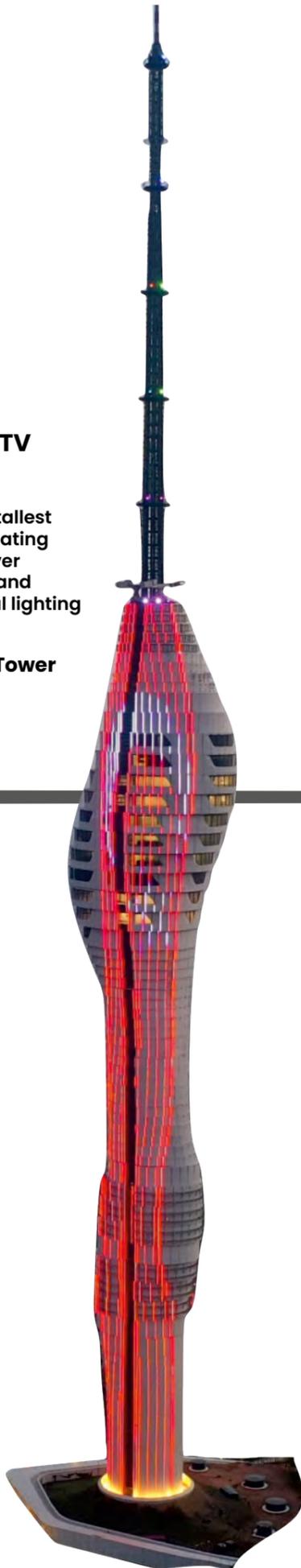
MONDO AWARDS SHORT LIST
Antalya Delphin Botanik Resort



MONDO AWARDS SHORT LIST
Konya Metropolitan Stadium



Development of monitoring technologies and implementation in lighting projects.



Launch of Hera Charge Strategic Diversification into E-Mobility

Building on its engineering DNA, Hera entered the electric vehicle charging market with the establishment of Hera Charge



Market introduction of Hera Charge's first AC charging solution, designed for residential and semi-commercial applications.

Launch of Hera-developed mobile platform, reinforcing full ecosystem control and data ownership.

Hera Charge
2023

First product launch
ChargePack® Personal
2024

Hera Charge Mobile App
2025



2023
End-to-End R&D Infrastructure

The creation of a vertically integrated R&D ecosystem covering mechanical engineering, power electronics, embedded systems, software development, and cloud and mobile integration enables rapid product iteration, high customization capability, and strong OEM flexibility.



2025
ChargePack® Smart/ Smart+

Expansion of Product Portfolio
Introduction of the Smart series, broadening the addressable market into commercial and managed charging environments.

2020-2025

Global Expansion of Hera LED.
Hera LED operates in 40+ countries and has delivered 400+ prestigious projects worldwide, supported by 5+ TÜBİTAK-backed R&D initiatives and 10+ industrial design registrations. Through advanced engineering and fully in-house technology development, Hera creates sustainable sector value, with landmark references



Batumi Stadium (2020), Georgia



Helix Bridge (2023), Singapore

2025

Hera Charge Launching Event





Mobilite

Next-Generation Mobility: A Structural Shift

Mobility is undergoing a structural transformation driven by decarbonization targets, electrification, and digital infrastructure. It is no longer about transportation alone – it is an integrated ecosystem combining energy, software, and smart infrastructure.

Electric Vehicles: Accelerating Global Adoption

By 2030, an estimated 145 million electric vehicles are expected to be on the road globally, representing one of the fastest-growing segments in the energy transition. EV adoption is supported by regulatory frameworks, urban sustainability targets, and rapid battery technology advancements – creating a scalable and long-term demand for charging infrastructure.

Electric vehicles deliver:

- Lower lifecycle emissions
- Higher energy efficiency
- Higher energy efficiency

Smart Charging Infrastructure: The Enabler

The expansion of EV fleets requires robust, intelligent charging infrastructure capable of:

- Dynamic energy management and grid optimization
- Renewable energy integration
- Data-driven operational efficiency
- Seamless user experience

Hera Charge: Positioned for the Green Transition

With transportation accounting for a significant share of global CO₂ emissions, the electrification shift represents a multi-decade infrastructure opportunity. Hera Charge positions itself at the intersection of hardware engineering and software integration, focusing on:

- Regulation-compliant AC charging systems
- Full ecosystem control through in-house software development
- Sustainable manufacturing and recyclable packaging
- Scalable OEM and distribution flexibility

Our approach is built on technology ownership, operational scalability, and long-term value creation within the evolving e-mobility landscape



ChargePack[®] Product Family

Hera ChargePack[®] is designed to deliver a secure, intelligent and seamless charging experience across all electric vehicle models. With its compact architecture and flexible installation options, it adapts easily to residential, commercial and shared environments offering scalable solutions for every user profile. From private home charging to multi-user environments, the ChargePack[®] family combines engineering reliability with smart software integration.



Personal

Charging made simple for home users.

- Secure access with RFID authorization
- Fast and easy installation
- Automatic phase detection for optimal performance
- Plug & Charge convenience
- Integrated cable management for a clean setup
- Durable design, built for all weather conditions
- 360° visible status LEDs for instant charging feedback

Ideal for homeowners seeking a compact, dependable and future-ready charging solution.



Smart

Intelligent charging for shared spaces

Built for residential complexes, business centers and semi-public environments, ChargePack[®] Smart enables controlled multi-user charging with software-driven efficiency.

- Full control via Hera Charge Mobile App
- Flexible connectivity options
- OCPP-based backend compatibility
- Dynamic load management to optimize energy distribution

A scalable solution that balances performance, accessibility and operational efficiency.



Smart+

Advanced connectivity for high-demand environments.

ChargePack[®] Smart+ enhances shared charging infrastructure with extended communication capabilities and maximum operational flexibility.

- Remote monitoring and control via mobile app
- 4G connectivity for independent operation
- OCPP-based backend compatibility
- Dynamic load management for energy optimization

Ideal for larger sites, commercial facilities and future-proof charging networks requiring enhanced connectivity and control.

ChargePack[®] Personal

Perfectly Yours





ChargePack® Personal

ChargePack® Personal delivers a comfortable and reliable home charging experience. Designed for individual users, it combines practicality with cost efficiency, making it a preferred solution for residential EV charging. Thanks to its easy installation and user-friendly design, it can be quickly deployed. With RFID card authorization and Plug & Charge functionality, it provides a secure, fast, and seamless charging experience.

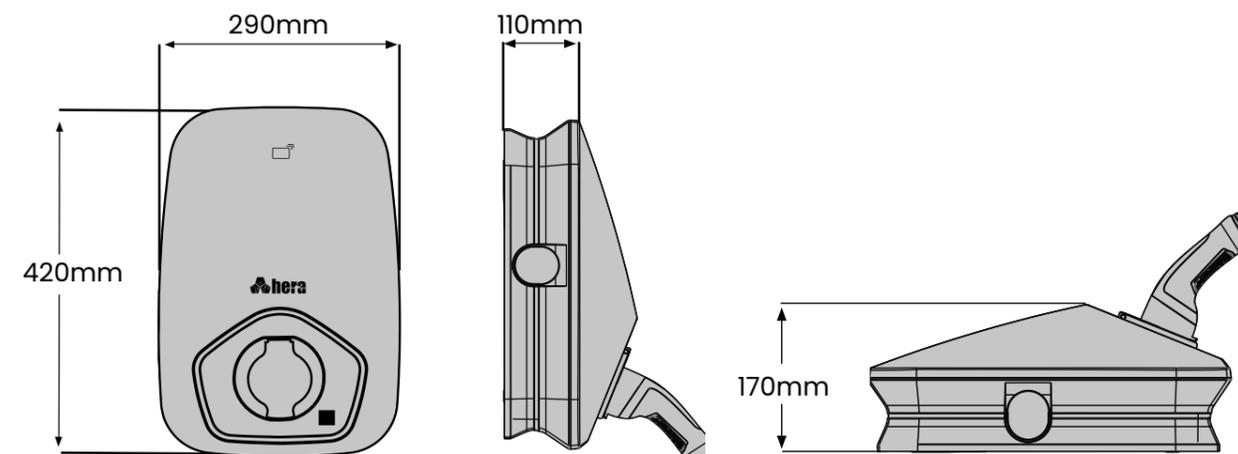


- Compatible with all electric vehicles
- Adjustable maximum output: 7.4 kW (single phase) / 22 kW (three phase)
- Automatic phase detection allows operation even on single phase
- Plug & Charge functionality
- 2 user RFID cards + 1 master RFID card
- Functional integrated cable management design
- Weather-resistant for all outdoor conditions
- 360° visible pentagon status LED indicators
- Built-in protection against overcurrent, undervoltage, overvoltage, short circuit, high temperature, grounding faults and voltage spikes
- AC 30 mA & DC 6 mA RCD leakage protection
- Strong outdoor protection with ASTM B117 Standard
- Durable UL94 V0 PC enclosure
- Anti-theft protection
- Fully compliant with EN 61851 standards

Technical Specifications

Products	Single Phase 7,4 kW	Three Phase 22 kW
Product Code	HC021103122 Personal Cable HC022103122 Personal Socket	HC021303122 Personal Cable HC022303122 Personal Socket
Input Values		
Input Power:	7,4 kW / 32 A (max.)	22 kW / 32 A (max.)
Input Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Grid Connection:	L, N, PE	L1, L2, L3, N, PE
Charging Output		
Output Power:	7,4 kW / 32 A (max.)	22 kW / 32 A (max.)
Output Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Other Features		
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	
Connector Type:	Type2 Cable/Type2 Socket	
Cable Length:	5 meter (@cable)	
Internal RCD (Leakage Current):	AC 30mA + DC 6mA	
Weight:	5,9 kg (cable) / 4,2 kg (socket)	7,2 kg (Cable) / 4,6 kg (socket)

Technical Drawing



Adjustable Charging Power 7,4kW ve 22kW

ChargePack® adapts to different electrical infrastructures with single-phase and three-phase connection options. It delivers up to 7.4 kW (single-phase) or 22 kW (three-phase) while allowing safe charging at lower power levels when required.

Automatic Phase Detection

The integrated phase detection system automatically identifies the available grid connection and adjusts the operating mode accordingly. This enables a three-phase charger to operate on single-phase infrastructure, simplifying installation and reducing setup costs.



Secure RFID Access

ChargePack® includes 2 user RFID cards and 1 master RFID card, enabling secure operation in both private and shared environments while preventing unauthorized charging.

Plug & Charge Convenience

For private installations, Plug & Charge mode allows instant charging without additional authorization, delivering a fast and effortless user experience.

Advanced Safety Protection

ChargePack® integrates comprehensive protection against overcurrent, overvoltage, undervoltage, short circuit, high temperature and grounding faults, supported by AC 30 mA + DC 6 mA RCD leakage protection.

Integrated Cable Management

The smart exterior design allows the charging cable to be neatly wrapped around the unit without the need for additional accessories. The integrated socket holder keeps the connector securely in place.

5 m Integrated Charging Cable

The 5-meter charging cable provides flexible installation and convenient everyday use, ensuring easy access to the vehicle's charging port.

Secure Socket Holder

The integrated locking mechanism prevents the connector from slipping or falling accidentally, improving safety and protecting the unit from damage.

Signature Pentagon LED Design

Inspired by the Hera logo and registered by the European Patent Office, the distinctive pentagon LED indicator allows users to easily monitor charging status through intuitive color signals.



Outdoor-Ready Design

Designed for demanding outdoor environments, ChargePack® offers IP54 / IP55 protection and IK10 impact resistance, operating reliably in extreme climates from -40°C to +55°C.





ChargePack[®] Smart
Smart Charging.
Effortless Living.





ChargePack® Smart



ChargePack® Smart is equipped with extensive connectivity options including Wi-Fi, Bluetooth and Ethernet, enabling flexible integration into different charging infrastructures. Through the Hera Charge Mobile Application, users can create accounts, start and stop charging sessions, and monitor energy consumption in real time.

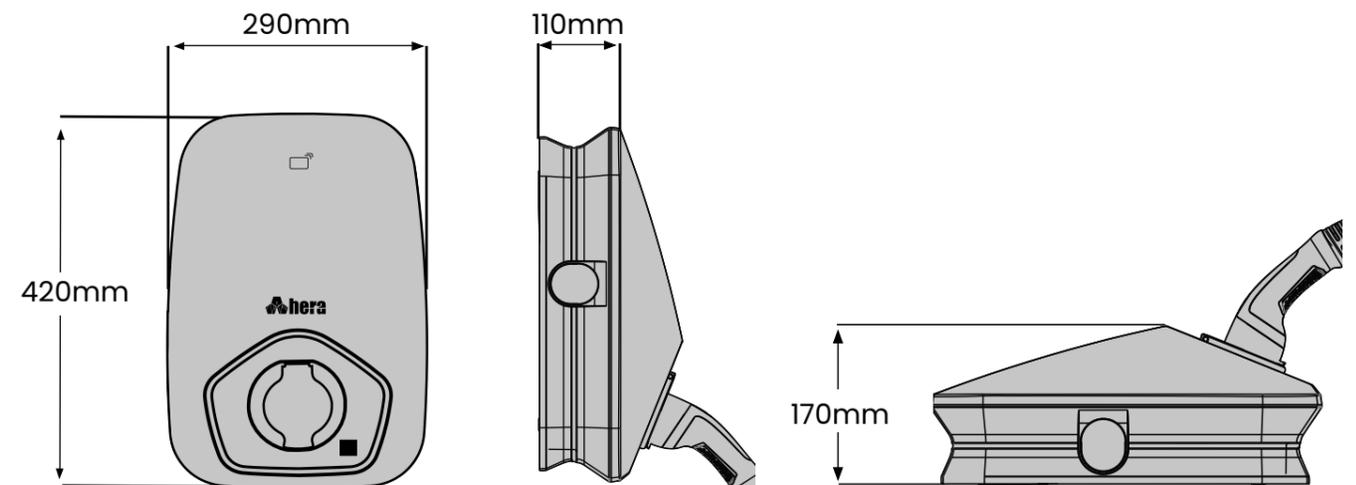
For shared environments, administrators can manage users via the Hera Web Portal, allowing energy consumption data to be securely shared and monitored. ChargePack® Smart is an ideal solution for residential complexes, apartment buildings, business centers and shared parking areas.

- Control via Hera Charge Mobile Application
- Multiple connectivity options (Wi-Fi, Bluetooth, Ethernet)
- OCPP-based communication
- Dynamic load management
- Automatic phase detection system
- 360° visible pentagon status LEDs
- Fully compliant with outdoor environments
- Double-layer polycarbonate enclosure design
- Built-in protection against overcurrent, undervoltage, overvoltage, short circuit, high temperature and grounding faults
- AC 30 mA + DC 6 mA RCD leakage protection
- ASTM B117 standard outdoor corrosion resistance
- Durable UL94 V0 PC enclosure
- Anti-theft protection
- Fully compliant with EN 61851 standards

Technical Specifications

Products	Single Phase 7,4 kW	Three Phase 22 kW
Product Codes	HC021101222 Smart Cable HC022101222 Smart Socket	HC021301222 Smart Cable HC022301222 Smart Socket
Input Values		
Input Power:	7,4 kW / 32 A (max.)	22 kW / 32 A (max.)
Input Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Grid Connection:	L, N, PE	L1, L2, L3, N, PE
Charging Output		
Output Power:	7,4 kW / 32 A (maks.)	22 kW / 32 A (maks.)
Output Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Other Features		
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	
Connector Type:	Type2 Cable/Type2 Socket	
Cable Length:	5 meter (@cable)	
Internal RCD (Leakage Current):	AC 30mA + DC 6mA	
Energy Meter:	MID metre (opsiyonel)	
Weight:	6,1 kg (cable) 4,4 Kg (socket)	7,4 kg (cable) 4,8 Kg (socket)

Technical Drawing



ChargePack[®] Smart+



**Charge
Without
Boundaries**





ChargePack® Smart+



ChargePack® Smart is equipped with extensive connectivity options including Wi-Fi, Bluetooth, Ethernet and 4G, enabling flexible integration into different charging infrastructures. Through the Hera Charge Mobile Application, users can create accounts, start and stop charging sessions, and monitor energy consumption in real time.

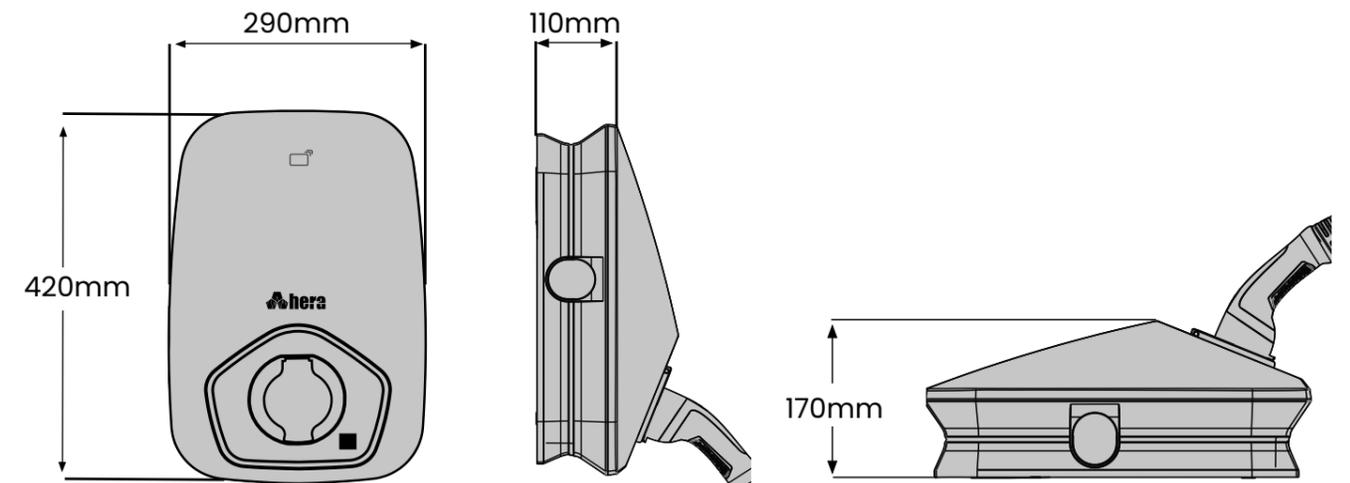
For shared environments, administrators can manage users via the Hera Web Portal, allowing energy consumption data to be securely shared and monitored. ChargePack® Smart is an ideal solution for residential complexes, apartment buildings, business centers and shared parking areas.

- Control via Hera Charge Mobile Application
- Multiple connectivity options (Wi-Fi, Bluetooth, Ethernet, 4G)
- OCPP-based communication
- Dynamic load management
- Automatic phase detection system
- 360° visible pentagon status LEDs
- Fully compliant with outdoor environments
- Double-layer polycarbonate enclosure design
- Built-in protection against overcurrent, undervoltage, overvoltage, short circuit, high temperature and grounding faults
- AC 30 mA + DC 6 mA RCD leakage protection
- ASTM B117 standard outdoor corrosion resistance
- Durable UL94 V0 PC enclosure
- Anti-theft protection
- Fully compliant with EN 61851 standards

Technical Specifications

Products	Single Phase 7,4 kW	Three Phase 22 kW
Product Codes	HC021101322 Smart+ Cable HC022101322 Smart+ Socket	HC021301322 Smart+ Cable HC022301322 Smart+ Socket
Input Values		
Input Power:	7,4 kW / 32 A (max.)	22 kW / 32 A (max.)
Input Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Grid Connection:	L, N, PE	L1, L2, L3, N, PE
Charging Output		
Output Power:	7,4 kW / 32 A (maks.)	22 kW / 32 A (maks.)
Output Voltage:	196 - 264 VAC, 50/60 Hz	340 - 460VAC, 50/60 Hz
Other Features		
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	
Connector Type:	Type2 Cable/Type2 Socket	
Cable Length:	5 meter (@cable)	
Internal RCD (Leakage Current):	AC 30mA + DC 6mA	
Energy Meter:	MID metre (opsiyonel)	
Weight:	6,1 kg (cable) 4,4 Kg (socket)	7,4 kg (cable) 4,8 Kg (socket)

Technical Drawing



ChargePack® Smart /Smart+

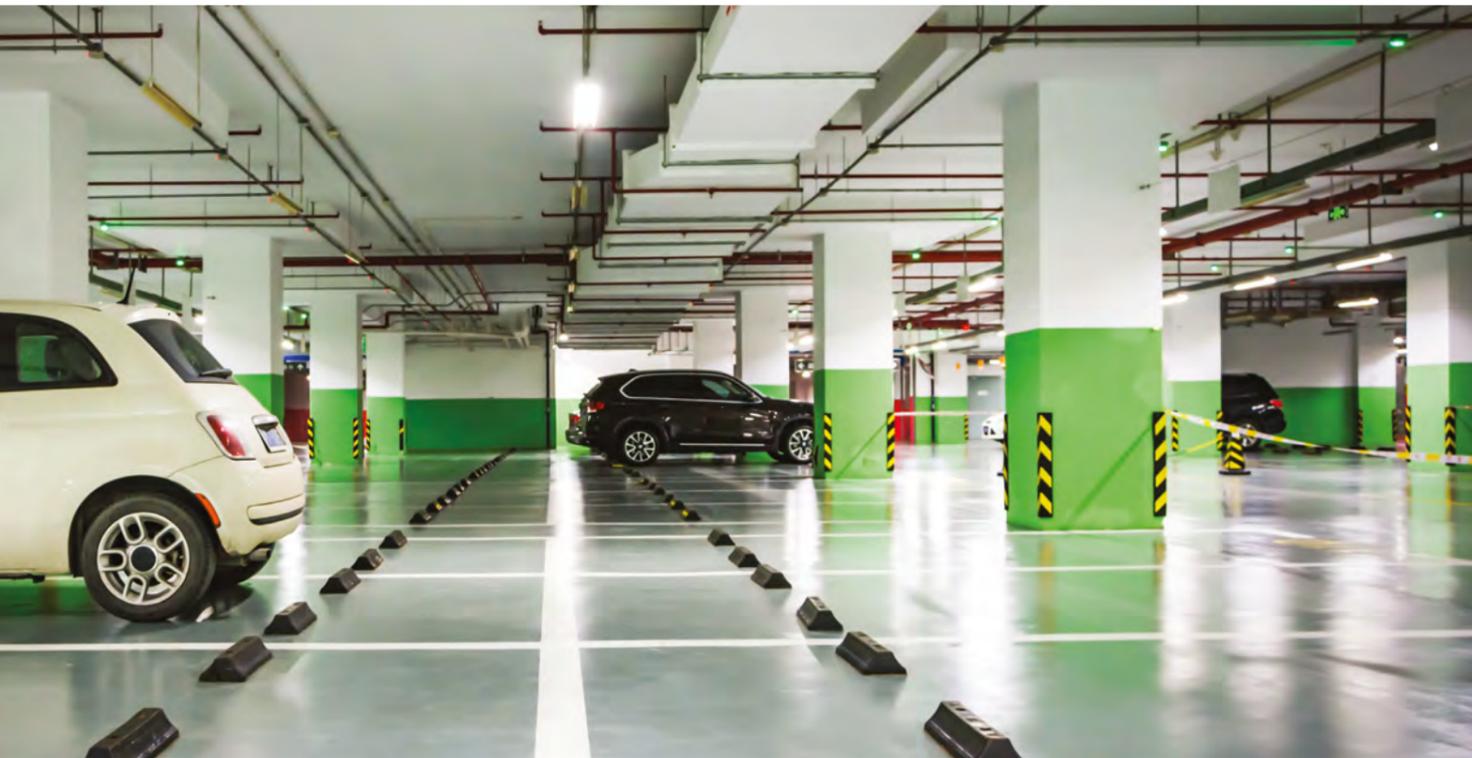
Flexible Connectivity

ChargePack® Smart and Smart+ offer multiple connectivity options for reliable and flexible operation. Depending on the installation environment, the charging unit can connect via Ethernet, Wi-Fi, Bluetooth or 4G, enabling secure communication and remote access.

This flexibility allows seamless integration into both residential and commercial charging environments.

OCPP Communication

ChargePack® supports OCPP 1.6, the global communication standard for EV charging systems. This ensures compatibility with charging management platforms, remote monitoring, firmware updates and secure system integration.

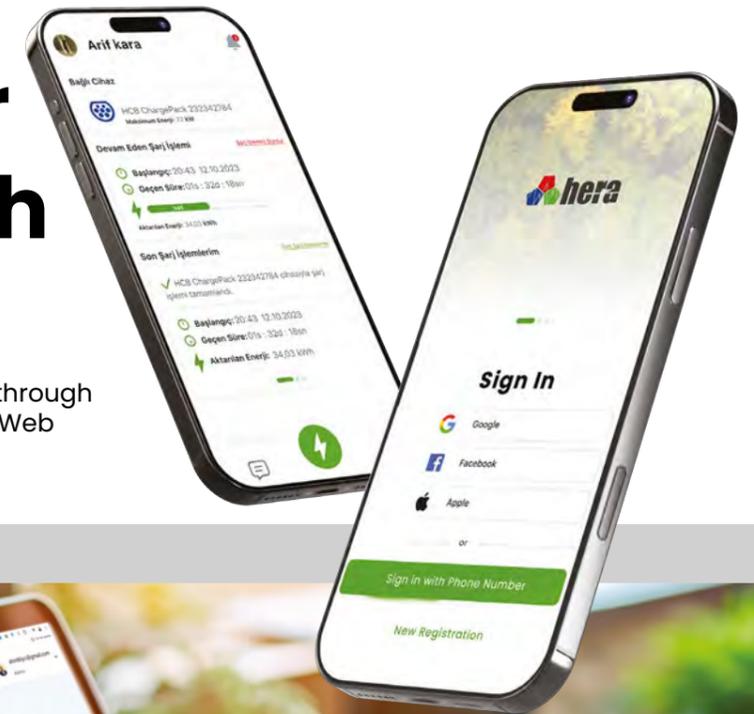


Dynamic Load Management

In shared environments, efficient energy distribution is essential. ChargePack® automatically balances the available electrical capacity between multiple charging units through dynamic load management. This allows several vehicles to charge simultaneously without requiring additional grid capacity.

Manage Your Charging with Ease

Charging operations can be easily managed through the Hera Charge Mobile Application and Hera Web Portal.

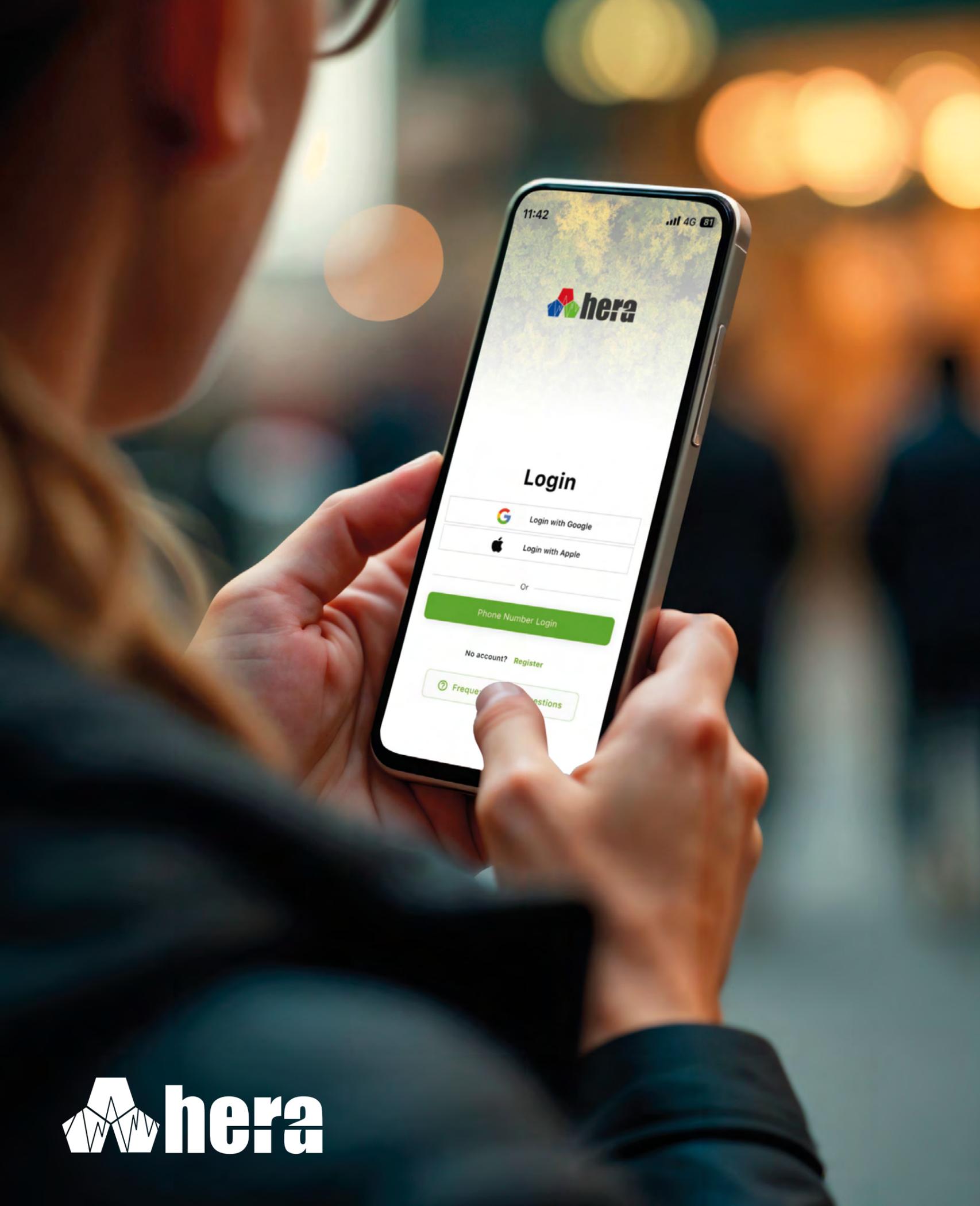


Charging Management Dashboard

In shared environments such as residential complexes, apartment buildings, offices and commercial parking areas, administrators can monitor and manage charging units through the Hera Web Portal.

- The platform allows:
- Monitoring charging units in real time
- Managing users and access permissions
- Tracking charging sessions
- Viewing energy consumption
- Adding or removing charging units
- Accessing charging history

This centralized system provides clear visibility, simple management and efficient operation.



Full Control. From Your Phone.

With the Hera Charge Mobile Application, you can easily manage your charging sessions and stay informed through real-time notifications.

The app provides a simple and intuitive way to monitor, control and manage your charging units anytime.

- Start and stop charging sessions
- Monitor charging status
- Pause charging when needed
- View charging history
- Create charging schedules
- Share charging units
- Add and manage users
- Add charging units
- Create charging locations
- Change charging modes
- Register RFID cards
- Remove RFID cards
- Manage charging unit configuration



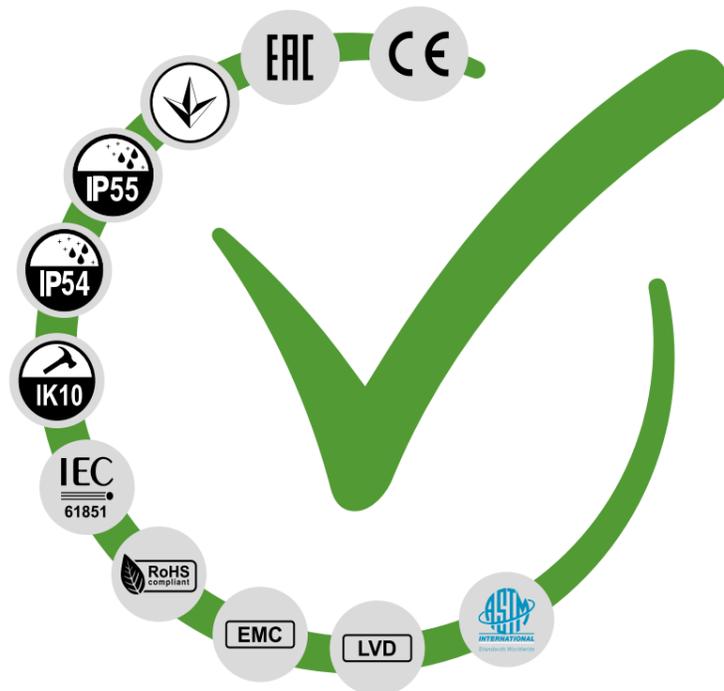
Engineered and Manufactured in Türkiye

Hera is a fully integrated manufacturer with strong in-house software, hardware and design capabilities, developing high-technology EV charging solutions. Our OEM and manufacturing infrastructure enables flexible production, fast customization and reliable supply for partners and large-scale projects. Manufactured in Türkiye, ChargePack® benefits from shorter supply chains, faster delivery times and consistent product quality. All units are produced in our certified production facility in accordance with ISO 9001, ISO 14001 and ISO 45001 standards. With a strong focus on engineering, quality and production control, Hera delivers reliable charging solutions for both local and international markets.



Certification

Hera ChargePack® has successfully passed all relevant tests conducted by independent EU-approved laboratories. The product complies with EMC (Electromagnetic Compatibility), LVD (Low Voltage Directive), CE and RoHS requirements and meets IEC 61851 standards, with IP54 protection and IK10 impact resistance.



Optional Accessories



MID Meter

High-precision and reliable MID-certified energy meter for accurate measurement and billing purposes. (MID meter option is available for Smart models.)



Emergency Stop Button

An optional Emergency Stop Button allows the charging unit to instantly cut power when required, ensuring additional operational safety.



Color Options

ChargePack® is available with optional cover color selections, allowing the charging unit to adapt to different environments and design preferences.

Color options and minimum order quantities may vary depending on the model.

Technical Specifications

Product Model	Personal				Smart				Smart+			
	Cable		Socket		Cable		Socket		Cable		Socket	
Output Power:	7,4kW	22kW	7,4kW	22kW	7,4kW	22kW	7,4kW	22kW	7,4kW	22kW	7,4kW	22kW
Product Code:	BC11C	BC31C	BS11C	BS31C	BC12C	BC32C	BS12C	BS32C	BC13C	BC33C	BS13C	BS33C
Phase:	1Phase	3Phase	1Phase	3Phase	1Phase	3Phase	1Phase	3Phase	1Phase	3Phase	1Phase	3Phase
AC Operating Current:	32A											
AC Operating Voltage Max. :	196-264V/340-460V											
Operating Frequency Hz :	50/60											
Rotary Power Selector:	✓		✓		✗		✗		✗		✗	
Mobil App&web Based Power Control:	✗		✗		✓		✓		✓		✓	
Factory Reset via Reset Button:	✗		✗		✓		✓		✓		✓	
RFID Card:	✓											
Plug&Play:	✓											
Ethernet:	✗		✗		✓		✓		✓		✓	
WiFi:	✗		✗		✓		✓		✓		✓	
Bluetooth:	✗		✗		✓		✓		✓		✓	
4G:	✗		✗		✗		✗		✓		✓	
Mobile App Control:	✗		✗		✓		✓		✓		✓	
OCPP 1.6J(upgradable 2.0.1):	✗		✗		✓		✓		✓		✓	
Dynamic Load Management via OCPP:	✗		✗		✓		✓		✓		✓	
Internal Cable Length:	5m		✗		5m		✗		5m		✗	
MID Meter:	✗		✗		Optional		Optional		Optional		Optional	
Emergency Stop Button:	Optional											
AC 30mA Residual Current Protection:	✓											
Over Voltage Protection:	✓											
Under Voltage Protection:	✓											
Over Current Protection:	✓											
Over Temperature Protection:	✓											
Short Circiut Protection:	✓											
Ground Protection:	✓											
EMC Certification:	✓											
LVD Certification:	✓											
Declaration of Conformity (DOC):	✓											
Multi Color Status LEDs:	✓											
Polikarbonat UL 94 V0 Enclosure:	✓											
Impact Protection Rating:	IK10											
Ingress Protection Rating:	IP55		IP54		IP55		IP54		IP55		IP54	
Weight:	6,1Kg		4,4Kg		7,4Kg		4,8Kg		7,4Kg		4,8Kg	
Operating Tempetarure:	-40°C...50°C											



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