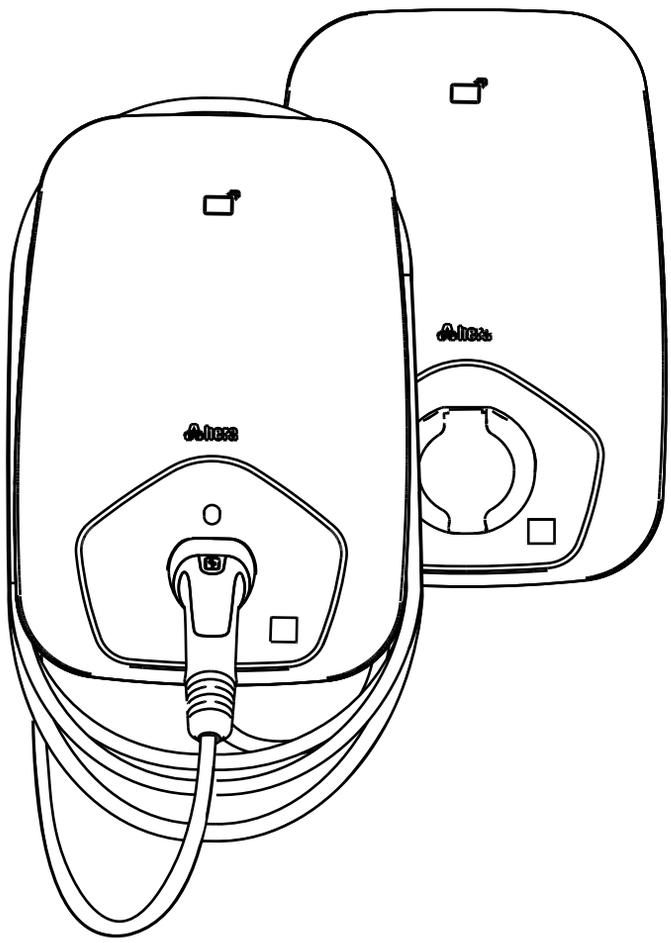
ChargePack®
Specification Sheets
V1.2



Explanation

ChargePack series EV charge stations are the optimum solution for personal usage and also for the commercial usage in public spaces. With all it's features, ChargePack product family has an adjustable structure according to the needs. Adjustable maximum charge current allows users to use the same station at different charging power methods. With it's different color and texture options, the ChargePack product family can adapt to, all kind of surface colors and surface textures. ChargePack series can be used in interior spaces and also in the exterior spaces because of it's highly durable design. This product series are made from corrosion and UV resistant materials. It can be used in harsh weather conditions without any problems.

- ChargePack® provides a practical charging for personal use.
- The ChargePack® offers seamless integration capabilities into various management systems tailored for commercial purposes, including payment systems.
- ChargePack® has remote charging Start-End control options.
- ChargePack® supports OCPP 1.6j communication protocol (Upgradeable to OCPP 2.0)
- ChargePack® product family has a user friendly interface and it has a flawless design to suit every need.
- With Charge® wide input voltage range, it can be used in everywhere.
- Universal communication protocols are used in the ChargePack®. It is designed to communicate uninterruptedly and quickly with suitable devices thanks to wireless and wired interfaces such as 4G, Wi-Fi, Ethernet, Bluetooth.
- ChargePack® provides extra assurance to the user with high voltage protection.
- Internationally accepted standarts are used on every R&D and production steps of the ChargePack product family.
- Different mounting types, numerous color options and adjustable charging current (via dip switch or application) provide convenience for your needs.
- These ChargePack products, which are very durable and environmentally friendly, are offered to your usage by HERA.

	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: 320 - 480VAC, 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: 320 - 480VAC, 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	
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 (standard) 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	

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