ALOHA Gravity



DC 40 kW Charging Station







Office buildings and workplaces



Malls and supermarkets



Public and private car parks



Corporate fleets and car sharing



Service vehicles and public transport



Dynamic Load Management

Smartly balances the available energy

Smart Charging

Cloud based energy management

Autocharge

Authenticate without user intervention

Cashless payment terminal

Payments without prior registration

Super silent

≤ 55 dBA in 1 m away

Stainless steel and Arfinio®

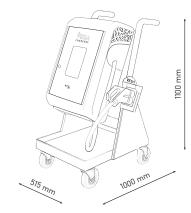
Sustainable and resistant design

At VEGA Chargers,

we work every day to make possible a better, more sustainable present and future. We design flexible and scalable vehicle charging solutions; from conception, through manufacturing and distribution.

ALOHA Gravity stands out for its compact and robust design, while providing up to 267 km of range in a single hour of charge*. It is ideal for charging times between 23 and 90 minutes. It is also suitable for specific DC/DC requirements upon consultation.

* Range calculation based on the average consumption provided by EV manufacturers according to the WLTP standard, 15 kWh per 100 km.



It is a reference image not tied to the final product, the trolley shall be equipped with brakes on the wheels.

Frequency S0 / 60 Hz	AC INPUT		
Apparent prover 45 kW Apparent prover 45 kW Apparent prover 50 kW	Supply voltage	400 Vac ± 10% (3P+N+PE)	
Appairent power	Frequency		
Proper factor	Nominal input current	65 A	
Efficiency > 95% (at nominal power) THO	Apparent power	45 kVA	
Standby consumption < 5% Standby consumption	Power factor	> 0,99	
Stanting yashem	Efficency	> 95% (at nominal power)	
Earthing system DC OUTPUT Max. output prover 40 kW (@ V ≥ 400 Vdc) Max. output prover 100 A Output voltage range 150 – 500 Vdc (Optional 150 – 1000 Vdc) Available Output connectors CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2	THDi	< 5%	
Max. output power Max. output power Max. output power Max. output current 100. A Dupput voltage range 150 - 500 Vdc (Optional 150 - 1000 Vdc) CoS-2 Cable length 5 m² Cable length 5 m² Cable length 5 m² CoPricial meter certified (optional) Electrical protections Carenal input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve 'C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection HK10 Heusing material / colour Statiness steel and PUR (W) / Customizable Installation method On wall or pedestal Environment Impress protection 1P55 Temperature range operation 10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage 3-56°C to +70°C Relative Humidity 5% to 95% non-condensing Cooling system Exhaust fan Operational roise level 55 dBA (1 m away in all directions) Autitude (max.) 2000 m Communication interface 4 (-5, R548), Ethernet Communication interface Access and identification RFID reader (MIFARE Classics, MIFARE Cla	Standby consumption	< 13 W	
Max. output power Max. output power Max. output current 100 A Dutput votage range 150 – 500 Vdc (Optional 150 – 1000 Vdc) CCS-2 CAble length 5 m² Cable length 6 m² Corectional Carrent input 3-pole + N, front operatod, switch-disconnector (non-fusible disconnector) Covercurrent and shortcircuit MCB curve °C for internal electronic controls DC Output 1 solation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical Impact protection Weight Slainless steel and PLW (V0) / Customizable Installation method Con wall or pedestal and PLW Environment IP55 Environment Temperature range operation 1-10°C to +55°C count operators Realtive Hundirly 5% to 95% non-condensing Cooling system Exhaust fan Communication interface 44 cg. R8485; Ethernet Communication protocol Communication protocol Communication protocol Communication protocol Communication protocol Communication interface 44 cg. R8485; Ethernet Access and identification RFID reader (MiFARE Classics, MiFARE Classics, MiFA	Earthing system	TT / TN-S	
Max. output current Dulput voltage range 150 – 500 Vdc (Optional 150 – 1000 Vdc) CCS-2 Available Output connectors CCS-2 CHAdeMO + CCS-2 Available Output connectors CCS-2 CAble length 5 m* DC Official meter certified (optional) Electrical protections General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCS curve 'C' for Internal electronic controls Dovercurrent and shortcircuit MCS curve 'C' for Internal electronic controls Oc Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical Data Dimensions (H x W x D) 787 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical mach protection Froughts on the control of the control	DC OUTPUT		
Cutput voltage range 150 – 500 Vdc (Optional 150 – 1000 Vdc) CCS-2 Available Output connectors CCS-2 Seal Control of Seal Contro	Max. output power	40 kW (@ V ≥ 400 Vdc)	
CCS-2 CHAdeMO + CCS-2 Available Output connectors Cable length 5 m² 5 m² 5 m + 5 m² Cable length 5 m² 5 m + 5 m² DC Official meter certified (optional) Electrical protections General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve °C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection IK10 Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method 0, n wall or pedestal Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range operation -55°C to +70°C Relative Humidity 55% to 55% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m Communication protection 10,1° TFT colour touch screen Communication protection 0,1° TFT colour touch screen Communication interface 4,0° R54845; Ethernet Access and identification RFID reader (MIFARE Classic, MIFARE Cl	Max. output current	100 A	
Available Output connectors Cable length S m* S m* S m+ 5 m* Metering DC Official meter certified (optional) Electrical protections General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve °C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mochanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection Ik 10 Hebusing material / colour Installation method On wall or pedestal Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (30°C to +55°C wilth optional heater) Temperature range storage Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level S 55 dBA (1 m away in all directions) Allitude (max) Communication protecol Communication protecol Communication interface Access and identification RFID reader (MIFARE Classic, MIFARE DESifre EV1, EV2; NFC Forum Type 4); Internal white list, Activation pin code, Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications LEC 61851-1; IEC 61851-21-2; IEC 61851-22; IEC 61851-22; IEC 62196-1; IEC 62196-3; IEC 61000, DIN7012; ISO 15118-2; ISO 15118-3; OchAdeMo 1,2 EUD intercitives LVD 2014/35/EU; EMC 2014/33/IEC	Output voltage range	150 – 500 Vdc (Optional 150 – 1000 Vdc)	
Metering DC Official meter certified (optional) Electrical protections General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve 'C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection IK10 Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage 3-35°C to +70°C Relative Humidity 55 to 55° knon condensing Cooling system Exhaust fan Operational noise level \$5 dBA (1 m away in all directions) Altitude (max.) 2000 m Generation 10,1° TFT colour touch screen Communication interface 4G, RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal While list, Activation pin code; Automatical Parameter and Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21; IEC 61851-24; IEC 61851-24; IEC 61851-24; IEC 6181-24; IEC 6181	Available Output connectors		
Electrical protections General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve 'C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage 3-35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1° TFT colour touch screen Communication protocol OCPP 1.8.J; Modbus TCP; Modbus RTU Communication interface 4G; RS48S; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DEStire EV1, EV2; NFC Forum Type 4); Internal while list, Activation pin code; Autochange Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications LEC G1851-1; IEC G1851-1; IEC G1851-21; IEC G1851-23; IEC G1851-24;	Cable length	5 m*	5 m + 5 m*
General input 3-pole + N, front operated, switch-disconnector (non-fusible disconnector) Overcurrent and shortcircuit MCB curve 'C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection IK10 Housing material / colour Stainless steel and PUR (VD) / Customizable Installation method On wall or pedestal Environment Imgress protection 1P55 Temperature range operation 1-10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage 3-35°C to +70°C Relative Humidity 5% to 95% non-condensing Cooling system Exhaust fan Operational noise level \$55 dBA (1 m avay in all directions) Altitude (max.) 2000 m General User interaction 10,1°TFT colour touch screen Communication protocol OCPP 1.63; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list, Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications LEC (DIN/ISO) IEC 61851-21; IEC 61851-21; IEC 61851-23; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN/70121; ISO 15118-3; CHAdeMO 1.2 EUD Directives LVD 2014/35/EU; EMC 20	Metering	DC Official meter certified (optional)	
Overcurrent and shortcircuit MCB curve 'C' for internal electronic controls DC Output Isolation Monitoring Device and protection fuse Mechanical Data T67 mm x 485 mm x 275 mm Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection IK10 Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment IP55 Ingress protection IP55 Temperature range operation -10°C to +55°C (30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General Subscription for touch screen Communication protocol OCPP 1.61; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Desirse; MIFARE Desirse EV1, EV2; NFC Forum Type 4); Internal white lists, Advision prin code	Electrical protections		
Mechanical Data Dimensions (H x W x D) 767 mm x 485 mm x 275 mm Weight 59 kg 68 kg Mechanical impact protection Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment Ingress protection IP55 Temperature range operation 1-10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage 35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Coperational noise level S5 dBA (1 m away in all directions) Allitude (max.) Conmunication protocol Communication protocol Communication protocol Communication interface 40; R5485; Eternet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2, NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-21; IEC 61851-21-2; IEC 61851-22; IEC 61851-22; IEC 6195-3; CHAdeMol 12 EUD prectives LVD 2014/35/EU; EMC 2014/35/EU; RED 2014/53/IEC	General input	3-pole + N, front operated, switch-disconnector (non-fusible disconnector)	
Mechanical Data	Overcurrent and shortcircuit	MCB curve 'C' for internal electronic controls	
Processions (H x W x D)	DC Output	Isolation Monitoring Device and protection fuse	
Weight 59 kg 68 kg Mechanical impact protection IK10 Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1° TFT colour touch screen Communication protocol OCPP 1.6.1; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-21; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61900; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2	Mechanical Data		
Mechanical impact protection K10	Dimensions (H x W x D)	767 mm x 485 mm x 275 mm	
Housing material / colour Stainless steel and PUR (V0) / Customizable Installation method On wall or pedestal Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1° TFT colour touch screen Communication protocol OCPP 1.6.J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2, NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 6100; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EUD irectives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Weight	59 kg	68 kg
Installation method Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic: MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EUD irectives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Mechanical impact protection	IK10	
Environment Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6.J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EUD irectives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Housing material / colour	Stainless steel and PUR (V0) / Customizable	
Ingress protection IP55 Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) Ceneral User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 6196-3; IEC 6196-3; IEC 6196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EUD irectives LVD 2014/35/EU; EMC 2014/35/UE; RED 2014/53/UE	Installation method	On wall or pedestal	
Temperature range operation -10°C to +55°C (-30°C to +55°C with optional heater) Temperature range storage -35°C to +70°C Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-21; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Environment		
Temperature range storage Relative Humidity Sh to 95% non condensing Cooling system Exhaust fan Operational noise level Staba (1 m away in all directions) Altitude (max.) Communication protocol Communication protocol Communication interface Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Ingress protection	IP55	
Relative Humidity 5% to 95% non condensing Cooling system Exhaust fan Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Temperature range operation		
Exhaust fan Operational noise level S 55 dBA (1 m away in all directions) Altitude (max.) Communication Oceration Oceration Oceration User interaction Oceration Ocer	Temperature range storage	-35°C to +70°C	
Operational noise level ≤ 55 dBA (1 m away in all directions) Altitude (max.) 2000 m General User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Relative Humidity	5% to 95% non condensing	
Altitude (max.) General User interaction 10,1" TFT colour touch screen Communication protocol Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Cooling system	Exhaust fan	
User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC/DIN/ISO IEC 61851-1; IEC 61851-21; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Operational noise level	≤ 55 dBA (1 m away in all directions)	
User interaction 10,1" TFT colour touch screen Communication protocol OCPP 1.6J; Modbus TCP; Modbus RTU Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Altitude (max.)	2000 m	
Communication protocol Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	General		
Communication interface 4G; RS485; Ethernet Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	User interaction	10,1" TFT colour touch screen	
Access and identification RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Communication protocol		
Payment terminal Cashless payment terminal (optional) Status charging lights RGB LED dedicated for charging connector Standards and Certifications IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Communication interface		
RGB LED dedicated for charging connector	Access and identification		
IEC/DIN/ISO	Payment terminal	Cashless payment terminal (optional)	
IEC/DIN/ISO IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Status charging lights	RGB LED dedicated for charging connector	
IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2; ISO 15118-3; CHAdeMO 1.2 EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	Standards and Certifications		
EU Directives LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE	IEC/DIN/ISO		
Mark certification CE	EU Directives		
	Mark certification	CE	