AC input for type 230 VAC # 10% 400 VAC # 10% AC input fype iput type iput h PE 3P + H = PE Characteristics AC input Current 32A 32A / phase AC Output Characteristics AC input Current 32A 400 VAC AC Output Characteristics AC input Current 32A 400 VAC AC Output Characteristics Power 7 KW max 22 kW max AC Output Characteristics Operating Temperature -30° C - 40° C 400 VAC Operating Conditions Operating Temperature -30° C - 40° C 400 VAC Installation Altitude U to 2000 100 KC - 40° C 100 KC - 40° C Construction Enclosure 198 A 100 KC - 40° C Outputs Built in Stin length tethered cable with Type 2 output or Socket Type 2 100 KC - 40° C Charging Mode Mode 3 100 KC + 10° K 100 KC + 10° K Outputs Built in Stin length tethered cable with Type 2 output or Socket Type 2 100 KC + 10° K Charger Dimensions 255x385x143 mm (widd hx height x depth) 100 KC + 10° KC + 40° K Fere			OD-07CS & OD-07CG	OD-22CS & OD-22CG
Characteristics AC input Current 32A 32A / phase AC Output Characteristics Frequency 50/60Hz 400V AC AC Output Characteristics AC Voltage Output 220V AC 400V AC Power 7 KW max 22 kW max 32 A / phase Operating Conditions Power 7 kW max 32 A / phase Operating Conditions Operating Temperature -30°C - 40°C -40°C Installation Allititude Up to 2000m		AC Input Voltage	230V AC ± 10%	400V AC ± 10%
Installation Data Services Description (Control of the distribution panel : MCCB 2P Type C 40A (or fuess 35 A) to protecting fremperature 220V AC 400V AC Operating Conditions Power 7 KW max 22 kW max AC Output current 32 A 32 A / phase Operating Conditions Operating Temperature -25°C - 40°C Operating Conditions Storage Temperature -25°C - 40°C Installation Altitude Up to 2000m Installation Altitude Up to 2000m Enclosure Steel, PUycarbonate Enclosure Steel, PUycarbonate Installation Altitude Up to 2000m Mechanical Impact IK IK10 Mechanical Impact IK IK10 Charge Dimensions 262x385x143 mm (width x height x depth) Veight Stag Energy Meter Built In RCD Type A (30m AC Leakage): Enclosure Current Setting Actoruc current adjustment from 10% to 100% Built In RCD Type A (30m AC Leakage): Enclosure Enclosure Ortective Devices In the distribution panel : MCCB 2P Type C 40A (or fuess 35 A) to protect the charger and cabling in the distribution panel : MCCB 4P Type C 4		Input Type	1P + N + PE	3P + N + PE
AC Quiput Characteristics AC Voltage Output 220V AC 400V AC Power 7 KW max 22 kW max AC Output current 32 A 32 A / phase Operating Temperature -25°C - +60°C 32 A / phase Operating Temperature -30°C - 70°C		AC Input Current	32A	32A / phase
Characteristics Image: state in the state i		Frequency	50/60Hz	
AC Output current 32.A 32.A / phase Operating Operating Temperature -25°C - 40°C Conditions Storage Temperature -30°C - 70°C Humidity 5% - 95% RH (no condensation) Installation Altitude Up to 2000m Installation Altitude Up to 2000m Mechanical Impact IK IK10 Charging Mode Mode 3 Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charging Mode Mode 3 Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Weight 5 kg Energy Meter Built in RD Type A (30m AC leakage) + DC Residual Current protection 6mA (10 Cleakage 6mA according to EN 62955) *** Current Setting AC output current adjustment from 10% up to 100% Built in RD Type A (30m AC leakage) + DC Residual Current protection 6mA (10 Cleakage 6mA according to EN 62955) *** Current Setting AC output current adjustment from 10% up to 100% Electronic Parist Frotective Devices In the distribution panel : MCCE 2P Type C 40A (or fuses 35 A) to protect the harger and cabling		AC Voltage Output	220V AC	400V AC
Operating Conditions Operating Temperature -25° C - 40° C Operating Conditions Storage Temperature -30° C - 70° C Humidity 5% - 95% RH (no condensation) Installation Allitude Up to 2000m Enclosure Steel, Polycarbonate IP Protection IP54 Mechanical impact IK IK10 Construction Charging Mode Mode 3 Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Weight 5 kg Energy Meter Built in ADD energy meter Current Setting AC output current adjustment from 10% up to 100% Built in RCD Type A (30m AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 6295) ** Freeterie Devices In the distribution panel : MCG8 2P Protective Devices In the distribution panel : MCG8 2P In the distribution panel : Surge Protection OPP 1.6 JSON Protective Devices In the distribution panel : Surge Protect the Charger and cabling in the distribution panel In the distribution panel : Surge Protect the CA0A (or fuses 3S A) to protect the charger and cabling in the		Power	7 kW max	22 kW max
Operating Conditions Storage Temperature -30°C + 70°C Humidity 5% + 95% RH (no condensation) Installation Altitude Up to 2000m Enclosure Steel, Polycarbonate Protection IP Protection Amount of the state of t		AC Output current	32 A	32 A / phase
Function Humidity 5% - 95% RH (no condensation) Installation Allititude Up to 2000m Installation Allititude Up to 2000m Enclosure Steel, Polycarbonate IP Protection IP54 Mechanical Impact IK IK10 Construction Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Weight 5 kg Energy Meter Built in RD programmeter Current Setting AC output current adjustment from 10% up to 100% Current Setting AC output current adjustment from 10% up to 100% Protective Devices In the distribution panet : MCCB 2P Protective Devices In the distribution panet : MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panet : Surge Protection Device Type 2 according to EN60364 User Identification RFID Vertification MCCB 2P Type C 40A for fuses 35 A) to protect the charger and cabling in the distribution panet : MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panet : MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panet : MCCB 4P Type C 40A (or fuses 3		Operating Temperature	-25°C - +60°C	
Installation Allitivade Up to 2000m Enclosure Steel, Polycarbonate IP Protection IPS - Mechanical impact IK IK10 Charging Mode Outputs Dutputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Weight 5 kg Energy Meter Built in CD ray GomAde -		Storage Temperature	-30°C - +70°C	
Enclosure Enclosure Stell, Polycarbonate IP Protection IP Protection IP S4 Mechanical Impact IK IK10 Impact IK Impact IK Mechanical Impact IK Impact IK Impact IK Impact IK Outputs Built in Sin length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Verifie Emergy Meter Built in SID emergy meter Emergy Meter Built in RCD Type A (30m A AC leakage) + DC Residual Current protection 6mA (DC leakage 6m A according to EN 62955) ** Emergy Meter Emergy Meter Built in RCD Type A (30m A AC leakage) + DC Residual Current protection 6mA (DC leakage 6m A according to EN 62955) ** Im the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling Electronic Parts Protective Devices In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 Surger and cabling In the distribution panel : Surge Protection OEVIE C40A (or fuses 35 A) to protect the charger and cabling in the distribution panel In the distribution panel : Surge Protect the of SM MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel		Humidity	5% - 95% RH (no condensation)	
IP Protection IP 54 Mechanical impact IK IK10 Charging Mode Mode 3 Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (width x height x depth) Weight 5 kg Energy Meter Built in MD energy meter Current Setting AC output current adjustment from 10% up to 100% Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6m a according to 16 K2955) ** Current Setting AC output current adjustment from 10% up to 100% Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6m a according to 16 K2955) ** Overtemperature Protection (0TP) In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling Protective Devices In the distribution panel : Surge Protection Device Type 2 according to EN60364 User Identification SIZW B: OCPP 1.6 JSON Viser Identification RFID User Identification MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation SizM Grid Ground Lise Protection Grid Power Supply/SiXVA *** Evel of Grid Power Supply/SizVA ***		Installation Alltitude	Up to 2000m	
Mechanical Impact IKIK10ConstructionCharging ModeMode 3OutputsBuilt in 5m length tethered cable with Type 2 output or Socket Type 2Charger Dimensions265x385x143 mm (width x height x depth)WeightSkgWeightSkgCurrent SettingAC output current adjustment from 10% up to 100%Current SettingAC output current adjustment from 10% up to 100%Protective DevicesBuilt in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 62955) ***Protective DevicesIn the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protective DevicesIn the distribution panel : Surge Protection Device Type 2 according to EN60364Communication ProtocolFribIn the distribution panel : Surge Protection Device Type 2 according to EN60364User IdentificationKCGB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel : Surge Protection Device Type 2 according to EN60364User IdentificationKCGB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel : Surge Protection Device Type 2 according to EN60364InstallationKCGB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelLevel of Grid Power SupplyNo 03 - Level of Grid Power SupplySkNA**SupplySubstationNot ApellcableLevel of Grid Power SupplyNo 03 - Level of Grid Power SupplySkNA***SupplySuffermi (cable length up to 60m) Sx10mm?(cable length up to 100m) Sx10mm?(cable le	Construction	Enclosure	Steel, Polycarbonate	
ConstructionCharging ModeMode 3OutputsBuilt in 5m length tethered cable with Type 2 output or Socket Type 2Charger Dimensions265x385x143 mm (width x height x depth)Weight5 kgEnergy MeterBuilt in MID energy meterCurrent SettingAC output current adjustment from 10% up to 100%Current SettingAC output current adjustment from 10% up to 100%Protective DevicesBuilt in RCD Type A (30m AA Cleakage) + DC Residual Current protection 6mA (DC leakage 6ma according to EN 6955) **Protective DevicesIn the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protection (OTP)In the distribution panel : MCCB (Communication protocol on Consense to AdA (or fuses 35 A) to protect on Charger and cablingCommunication ProtocolS2W & OCPP 1.6 JSONIn the distribution panel : Surge Prote-ction Device Type 2 according to EN60364User Identification ProtocolRCEB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationGrid Circuit BreakerMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationGrid Circuit BreakerMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationGrid Grid Power SupplyRVA ***No 3 - Level of Grid Power Supply SixVa ***InstallationSx10mm²(Cable length up to 60m) Six10mm²(Cable length up to 100m) Six10mm²(Cable length up to 100m) Six10mm²(Cable length up to 60m) Six10mm²(Cable length up to 100m) Six10mm²(Cable length up to 60m) Six10mm²(Cable length up t		IP Protection	IP54	
Construction Outputs Built in 5m length tethered cable with Type 2 output or Socket Type 2 Charger Dimensions 265x385x143 mm (wildth x height x depth) 5 kg Weight 5 kg 5 kg Energy Meter Built in MID energy meter Current Setting AC output current adjustment from 10% up to 100% Energy Meter Gurent Setting AC output current adjustment from 10% up to 100% Protective Devices Built in RCD Type A (30m AC leakage) + DC Residual Current protection 6mA (DC leakage 6m A according to EN 69255) ** Protective Devices In the distribution panel : ACCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : Surge Protection Device Type 2 according to EN60364 Communication Protocol SURV B OCPP 1.6 JSON Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Level of Grid Power Supply/SkVA*** Supply/SkVA*** No 3 - Level of Grid Power Supply/SkVA*****		Mechanical Impact IK	IK10	
Charger Dimensions 265x385x143 mm (with x height x depth) Weight 5 kg Energy Meter Built in MD energy meter Current Setting AC output current adjustment from 10% up to 100% Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 62955) ** Ground Loss Detection Overtemperature Protection (OTP) Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect In the distribution panel : Surge Protection Device Type 2 according to EN 60364 Communication Protocol In the distribution panel : Surge Protection Device Type 2 according to EN60364 Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling Isord Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Isord Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Isord Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Isord Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Isord Circuit Breaker No 03 - Level of Grid Power Supply No 3 - Level of Grid Power Supply		Charging Mode	Mode 3	
Weight5 kgEnergy MeterBuilt in MID energy meterCurrent SettingAC output current adjustment from 10% up to 100%Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6ma according to EN 62955) **Belectronic PartsProtective DevicesProtective DevicesBuilt in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6ma according to EN 62955) **Protective DevicesIn the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect fue charger and cablingIn the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect to bevice Type 2 according to EN 60364Communication Protocol User IdentificationS2W & OCPP 1.6 JSON Protect to Device Type 2 according to EN 60364Grid Circuit BreakerMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationGrid Circuit Breaker 		Outputs	Built in 5m length tethered cable with Type 2 output or Socket Type 2	
Energy Meter Built in MID energy meter Current Setting AC output current adjustment from 10% up to 100% Current Setting AC output current adjustment from 10% up to 100% Level of Current Setting Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 62955) ** Protective Devices Ground Loss Detection Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : Surge Protection Device Type 2 according to EN60364 Communication In the distribution panel : Surge Protect or GSM Connectivity WIFI & Ethernet or GSM Visit distribution panel MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Grid Power No 03 - Level of Grid Power Supply SkVA *** Sipply No 03 - Level of Grid Power No 3 - Level of Grid Power Supply SkVA *** Sipply Sx10mm²(Cable length up to 60m) Sx10mm²(Cable length up to 120m), Sx16mm² (cable length up to 120m), Sx1		Charger Dimensions	265x385x143 mm (width x height x depth)	
Interface Current Setting AC output current adjustment from 10% up to 100% Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 62955) ** Ground Loss Detection Electronic Parts Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protective Device Type 2 according to EN 60364 In the distribution panel : Surge Protection Device Type 2 according to EN 60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : MCCB 2P Type C 4004 (or fuses 35 A) to protect the charger and cabling in the distribution panel interface MCCB 4P Type C 4004 (or fuses 35 A) to protect the charger and cabling in the distribution panel : Supply SkVA *** Installation Level of Grid Power Supply SkVA *** No 03 - Level o		Weight	5 kg	
Electronic Parts Built in RCD Type A (30mA AC leakage) + DC Residual Current protection 6mA (DC leakage 6mA according to EN 62955) ** Frotective Devices Ground Loss Detection Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect In the distribution panel : MCCB 4P Type C 40A (or fuses 35 A) to protect Communication Protocol In the distribution panel : Surge Protector Device Type 2 according to EN60364 User Identification S2W & OCPP 1.6 JSON Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker No 03 - Level of Grid Power Supply No 03 - Level of Grid Power Supply& X*** Explosive zones Installation outside ATEX zones No 4Aplicable Grid Substation 3x10mm³(Cable length up to 60m), 3x16mm² (cable length >100m) Sx10mm³(Cable length protec) Certification Regulations IEC EN 61851-11:2019, IEC 61851-21:22018, CE	Electronic Parts	Energy Meter	Built in MID energy meter	
Electronic Parts Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect In the distribution panel : Surge Protector Device Type 2 according to EN60364 In the distribution panel : Surge Protector Device Type 2 according to EN60364 User Identification SUW & OCPP 1.6 JSON VIFI B Ethermet or GSM MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Level of Grid Power Supply No 03 - Level of Grid Power Supply& No 3 - Level of Grid Power Supply 3StVA *** Explosive zones Installation outside ATEX zones Grid Substation No 4 -plicable Gable cross section 3x10mm³(Cable length up to 60m), Sx10mm³(cable length >100m) Sx10mm³(cable length >100m) Sx10mm³ (cable length >100m) Certification Regulations IEC EN 61851-11:2019, IEC 61851-21:2018, EC		Current Setting	AC output current adjustment from 10% up to 100%	
Electronic Parts Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 2P C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : Surge Protection Device Type 2 according to EN60364 In the distribution panel : Surge Protection Device Type 2 according to EN60364 Protocol In the distribution panel : Surge Protection Device Type 2 according to EN60364 Vertice Identification S2W & OP 1.6 JSON Vertice Identification RFID Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Cord Grid Power No 03 - Level of Grid Power No 3 - Level of Grid Power Supply 8kVA *** Installation Explosive zones Installation outside ATEX zones Not Applicable Grid Substation Sat10mm²(Cable length up to 60m), 3x16mm² (cable length up to 60m), 5x10mm²(Cable length v100m), 5x16mm² (cable length v100m), 5x16mm² (cable length v100m), 5x16mm² (cable length v100m), 5x16mm² (cable length v100m)		Protective Devices		
Electronic Parts Protective Devices In the distribution panel : MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : MCCB 4P Type C 40A (or fuses 35 A) to protect charger and cabling Electronic Parts Communication Protocol User Identification In the distribution panel : Surge Protect Type 2 according to EN60364 Communication Protocol User Identification Comnective Version EVEN Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel MCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Evel of Grid Power Supply No 03 - Level of Grid Power SupplySKVA *** No 3 - Level of Grid Power Supply 35kVA *** Explosive zones Installation No 3 - Level of Grid Power Supply RVA *** No 3 - Level of Grid Power Supply 3x16mm² (cable length up to 60m), 3x16mm² (cable length >60m) Sx10mm²(Cable length up to 120m), 5x16mm² (cable length >100m) Certification Regulations IEC EN 61851-1:2019, IEC 61851-21-2:2018, EN 62196- 1:2014, EN 62196-2:2016, CE			Ground Loss Detection	
Electronic Parts Type C 40A (or fuses 35 A) to protect C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : Surge Protect C 40A (or fuses 35 A) to protect the charger and cabling In the distribution panel : Surge Protect Device Type 2 according to EN60364 Protocol User Identification User Identification S2W & OPP 1.6 JSON User Identification WIFI & ETHET or GSM Grid Circuit Breaker MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Installation Level of Grid Power Supply Supply No 03 - Level of Grid Power SupplySkVA **** Explosive zones Installation out- Grid Substation Not 32 Level of Grid Power Supply Supple Cable cross section 3x10mm²(Cable length up to 60m), 3x16mm² (cable length ve to 120m), 5x16mm² (cable length ve to			Overtemperature Protection (OTP)	
Image: Communication Protocol User Identification S2W & OCPP 1.6 JSON User Identification RFID Connectivity WIFI & Etternet or GSM Image: Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Image: Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Image: Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Image: Connectivity MCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panel Image: Connectivity No 03 - Level of Grid Power Supply8kVA *** Supply No 03 - Level of Grid Power Supply8kVA *** Image: Connectivity No 03 - Level of Grid Power Supply8kVA *** Supply No 03 - Level of Grid Power Supply8kVA *** Image: Connectivity No 03 - Level of Grid Power Supply8kVA *** Supply No 03 - Level of Grid Power Supply8kVA *** Image: Connectivity No 03 - Level of Grid Power Supply8kVA *** Supply Supply8kVA *** Image: Connectivity Supply8kVA *** Image: Connectivity Supply8kVA *** Image: Connectivity Supriter Connectivity Im			Type C 40A (or fuses 35 A) to protect	C 40A (or fuses 35 A) to protect he
ProtocolProtocolUser IdentificationRFIDConnectivityWIFI & Etbert or GSMArrow of Grid Circuit BreakerMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelMCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationLevel of Grid Power SupplyNo 03 - Level of Grid Power Supply8kVA ***No 3 - Level of Grid Power Supply Supply8kVA ***Explosive zonesInstallation outbertNo 3 - Level of Grid Power Supply8kVA ***Grid SubstationNot Aret zonesGrid SubstationSx10mm²(Cable length up to 60m), 3x16mm² (cable length > 60m)Sx10mm²(Cable length or 120m), 5x16mm² (cable length or 120m), 5			In the distribution panel : Surge Protection Device Type 2 according to EN60364	
User IdentificationRFIDConnectivityWIFI & EIDAccess and the connectivityMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelMCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelInstallationLevel of Grid Power SupplyNo 03 - Level of Grid Power Supply&KVA ***No 3 - Level of Grid Power Supply Supply&KVA ***Explosive zonesInstallation outDetterNo 03 - Level of Orman Supply&KVA ***No 3 - Level of Orman StatementGrid SubstationSx10mm2(Cable length up to 60m), 3x16mm2 (cable length >60m)Sx10mm2(Cable length >120m), Sx16mm2 (cable length >120m), Sx16mm2 (cable length >120m), Sx16mm2 (cable length >60m)CertificationRegulationsIEC EN 61851-1:2017, EC 61851-21-2:2018, EN 62196-1:2014, EX 62196-2:2016, CE			S2W & OCPP 1.6 JSON	
InstallationMCCB 2P Type C 40A (or fuses 35 A) to protect the charger and cabling in the distribution panelMCCB 4P Type C 40A (or fuses 35 A) to protect the charger and cabling in the 			RFID	
InstallationGrid Circuit Breakerprotect the charger and cabling in the distribution panelprotect the charger and cabling in the distribution panelInstallationLevel of Grid Power \$upplyNo 03 - Level of Grid Power \$upply8kVA ***No 3 - Level of Grid Power Supply 35kVA ***Explosive zonesInstallation outside ATEX zonesGrid SubstationSx10mm²(Cable length up to 60m), 3x16mm² (cable length vp to 60m), 3x16mm² (cable length v= 100m)5x10mm²(Cable length up to 120m), 5x16mm² (cable length v= 100m)CertificationRegulationsIEC EN 61851-1:2019, IEC 61851-21-2:2018, EN 62196- 1:2014, E< 61851-21-2:2016, CE		Connectivity	WIFI & Ethernet or GSM	
Installation Supply Supply8kVA *** 35kVA *** Explosive zones Installation outs ATEX zones Grid Substation Not Attaches Cable cross section 3x10mm²(Cable length up to 60m), 3x16mm² (cable length >60m) 5x10mm²(Cable length up to 120m), 5x16mm² (cable length >100m) Certification Regulations IEC EN 61851-1:2017, EC 61851-21-2:2018, EN 62196- 1:2014, EC 916-2:2016, CE	Installation	Grid Circuit Breaker	protect the charger and cabling in the	protect the charger and cabling in the
Grid Substation Not Applicable Cable cross section 3x10mm²(Cable length up to 60m), 3x16mm² (cable length >60m) 5x10mm²(Cable length up to 120m), 5x16mm² (cable length >100m) Certification Regulations IEC EN 61851-1:2019, IEC 61851-21-2:2018, EN 62196- 1:2014, EN 62196-2:2016, CE				
Cable cross section $3x10mm^2$ (Cable length up to 60m), $3x16mm^2$ (cable length >60m) $5x10mm^2$ (Cable length up to 120m), $5x16mm^2$ (cable length >100m) Certification Regulations IEC EN 61851-1:2019, IEC 61851-21-2:2018, EN 62196- 1:2014, EN 62196-2:2016, CE		Explosive zones	Installation outside ATEX zones	
Cable cross section 3x16mm² (cable length >60m) 5x16mm² (cable length >100m) Certification Regulations IEC EN 61851-1:2019, IEC 61851-21-2:2018, EN 62196- 1:2014, EN 62196-2:2016, CE		Grid Substation	Not Applicable	
Certification Regulations EN 62196- 1:2014, EN 62196-2:2016, CE		Cable cross section		
WarrantyTime of Warranty2 years	Certification	Regulations		
	Warranty	Time of Warranty	2 years	

**ORION midi has built in RCD Type A + DC residual current protection 6mA. The electrical installer should install in the distribution panel an SPD Type 2 and an MCCB Circuit Breaker Type C 40A to protect the charging station and the user.

*** The needed level of grid power supply is calculated each time based on the power demands of the installation, especially the sum of the loads of the installation and the load of the charger (7kW or 22kW) taking into consideration the simultaneity factor. The above example for 22kW charger was based on a domestic installation where the already installed grid power supplywas 3-phase and 15kVA and had to be upgraded to 35kVA in order to facilitate the charging station. The above example for 7kW charger was based on a domestic installation and the charging station was connected to a new, independent power supply 03-8kVA.