

Variant	Basic		MID		ERK (Eichrechtskonform)
	GHO11E10K	GHO22E10K	GHO11E21K	GHO22E21K	GHO22E22K
<b>Electrical specifications</b>					
Charging power [kW]	11	22	11	22	22
Mains voltage [V]	220-240/400				
Mains frequency [Hz]	50/60				
Vehicle charging connector	Type 2				
Rated current [A]	16	32	16	32	32
Charging power Mode 3 [kW]	11	22	11	22	22
Rated current Mode 3 [A]	3x16	3x32	3x16	3x32	3x32
Mains connection	L1,L2,L3,N,PE				
Overvoltage category (IEC 60664)	III				
Integrated residual current detection [mA DC]	IAN 6				
Installation network	TT/TN 3- and 1-phase; IT 1-phase				
Protection class	I				
<b>Technical features</b>					
Vehicle communication	PWM (acc. IEC 61851) / ISO15118-2				
Socket Type 2 with shutter	-				yes
Human machine interface (HMI)	RGB LEDs Buzzer				
Authentication	RFID Plug&Charge (ISO15118) Autocharge				
Network interfaces	LAN (RJ45) – 10 / 100 Base-TX WiFi Client/Hotspot (simultaneously): 5GHz (802.11a, n, ac); 2.4GHz (802.11b, g, n) LTE & GSM (Optional for Basic)				
Backend communication	OCPP 1.6j (2.0.1 in development)				
Power meter	Onboard	MID certified power meter		Eichrecht compliant power meter	
Eichrecht compliance	-	-		yes	
Integration in Home Energy Management System (HEMS)	EEBUS, Modbus for external power meter				
Local Load Management	Via WiFi, Ethernet				
<b>Mechanical specifications</b>					
Dimensions (H x W x D) [mm]	383,9 x 383,9 x 180,8				383,9 x 383,9 x 201,5
Weight (w/o cable) [kg]	3,15	3,57		3,99	
Cable length [m]	4,5 / 7				
<b>Environmental and storage conditions</b>					
IP protection class	IP55				
Mechanical impact protection	IK10				
Operating temperature [°C]	-30 to +45		-25 to +45		
Storage temperature [°C]	-40 to +80				
Max. Altitude [m]	3000				2000

Applied standards: IEC 61851-1, IEC/TS 61439-7, HD 60364-7-722

V1.2 / Nov. 22 Subject to change without notice: All features, technical and other specifications are subject to change without notice.