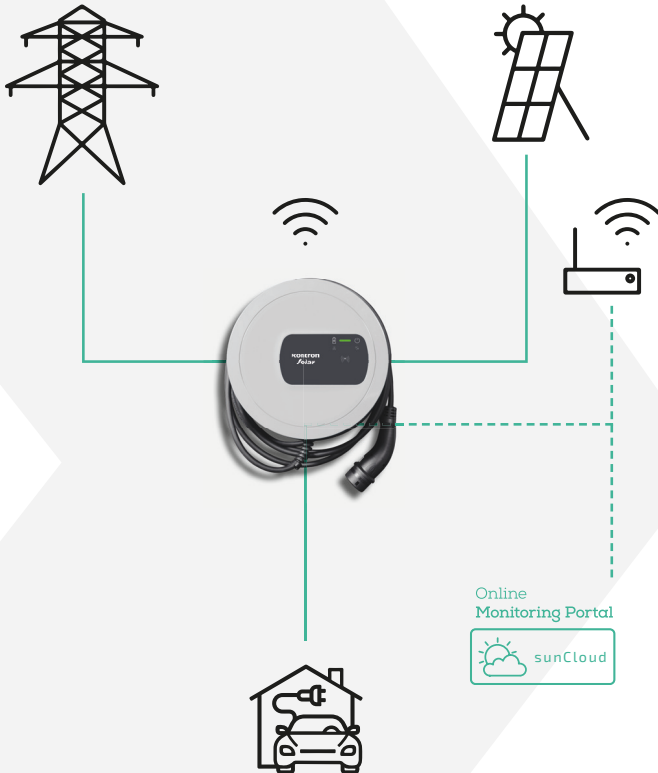


Application example of a Charger.



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# Charger

Basic\_11, MID\_11, ERK\_22



- Max. Charging power: 11 kW / 22 kW
- Progressive Over the air SW updates
- Communication interfaces: Ethernet, WIFI
- EEBUS
- ISO 15118
- OCPP 1.6
- Easy installation

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# Technical Specifications

		Basic_11	MID_11	ERK_22
Electrical specifications	Charging power	11 kW		22 kW
	Mains voltage	220-240 / 380-415 V		230 / 400 V
	Mains frequency	50 / 60 Hz		
	Vehicle charging connector	Typ 2		
	Rated current	16 A		32 A
	Charging power Mode 3	11 kW		22 kW
	Rated current Mode 3	3x16 A		3x32 A
	Mains connection	L1, L2, L3, N, PE		
	Overvoltage category (IEC 60664)	III		
	Residual direct current detecting device (RDC-DD)	IΔN mA DC		
	Installation network	TT/TN 3- and 1-phase; IT 1-phase		
	Protection class	I		
	Energy consumption(energy saving mode on)	< 1		
	Energy consumption(energy saving mode off)	< 7		< 8
Technical features	Vehicle communication	PWM (acc. IEC 61851) / ISO15118-2		
	Socket Type 2 with shutter	-		yes
	Human machine interface (HMI)	RGB LEDs, Buzzer, Web-App		
	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 (For MID_11 & ERK_22)		
	Backend communication	OCPP 1.6j (2.0.1 in development)		
	Power meter	Onboard	MID-compliant power meter	MID-compliant power meter and complete device compliant with German calibration law
	Eichrecht compliant	-		yes
	Integration in Home Energy Management System (HEMS)	EEBUS, Modbus for external power meter (TCP)		
	Local Load Management	Via WiFi, Ethernet		
	1/3 Phase Switching	yes		no
Mechanical specifications	Dimensions (H x W x D)	384 x 384 x 181 mm		384 x 384 x 202 mm
	Weight (w/o cable)	3,15 kg	3,57 kg	3,99 kg
	Cable length	7 m		-
Environmental & storage conditions	IP protection class	IP55		
	Mechanical impact protection	IK10		
	Ambient temperature	-30 to +45 °C		-25 to +45 °C
	Storage temperature	-30 to +80 °C		
	Max. Altitude	≤3.000 m		≤2.000 m

Standards applied: IEC 61851-1, IEC/TS 61439-7, HD 60364-7-722, IEC 62955

Subject to change without notice: All features, technical and other specifications are subject to change without notice. Status: 2024.05