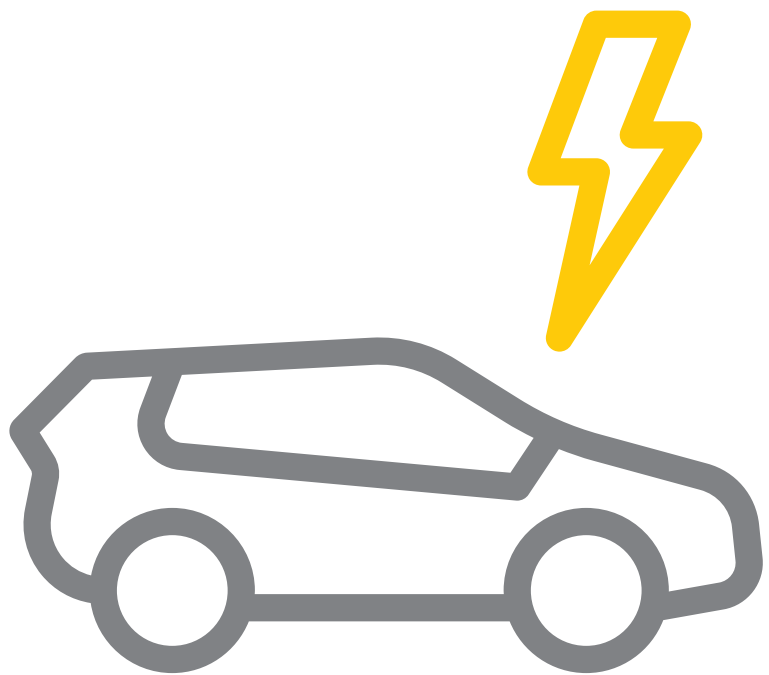


# CHARGING SOLUTIONS



PROJECT  
COMMERCIAL  
INDUSTRY

*krannich*

## Manufacturer



Product series		AC Charger	DC Charger	DC Charger			
Product name		KEBA P30 22kW	DCW20 bidirectional	DCW40	ECC120 (throttled version available)	ECC160	ECC320
Wallbox / Charging station		Wallbox AC	Wallbox / DC		Charging station DC		
Cable / Socket		both possible		CCS Combo-2 Plug			
Suitable for	Private	<input type="radio"/>					
	Half-Public	<input checked="" type="radio"/>			<input type="radio"/>		
	Public	<input checked="" type="radio"/>					
Max. charging power (kW)		22 kW	20 kW	40 kW	100 kW (gedrosselt) / 120 kW	160 kW	320 kW
Grid connection		3-phase 400V / 32A, 50Hz	3-phase 400V / 40A, 50Hz	3-phase 400V / 80A, 50Hz	3-phase 400V / 200A, 50Hz	3-phase 400V / 250A, 50Hz	3-phase 400V / 500A, 50Hz
Special features / accessories	DC residual current detection (RCD)	DC residual current detection > 6mA (on-site residual current circuit breaker type A required)	<input type="radio"/>				
	RFID	<input checked="" type="radio"/>					
	Key switch	<input type="radio"/>					
	Intelligent energy management (connection to PV)	<input type="radio"/>					
Dynamic load management		<input checked="" type="radio"/>					
Acquisition of charging data Manufacturer portal - App / MID meter / Compliant with calibration law		<input checked="" type="radio"/> / <input checked="" type="radio"/> / <input checked="" type="radio"/>					
Features		LAN connection with OCPP 2.0.1 protocol, version with RFID and external payment terminal for use in commercial + public areas	LAN connection with OCPP 2.0.1 protocol, version with RFID or integrated payment terminal for use in the commercial + public sector		high charging power at 2 charging points each, integrated billing terminal with RFID + all-in-one card reader, compact design incl. power electronics, calibrated version for use in public areas,		

## Manufacturer



Product series		SMA EV Charger	
Product name		SMA EV Charger Business	
Wallbox / Charging station		Wallbox / AC	
Cable / Socket		Type 2 cable	2 x Type 2 socket / Type 2 cable
Suitable for	Private	<input checked="" type="radio"/>	
	Half-Public	<input checked="" type="radio"/>	
	Public	<input type="radio"/>	
Max. charging power (kW)		2 x 22 kW	
Grid connection		3-phase 400V / 64A, 50Hz	
Special features / accessories	DC residual current detection (RCD)	DC residual current detection > 6mA (residual current circuit breaker Type A required on site)	
	RFID	<input checked="" type="radio"/>	
	Key switch	<input type="radio"/>	
	Intelligent energy management (connection to PV)	<input checked="" type="radio"/> with SMA**	
Dynamic load management		<input checked="" type="radio"/> with SMA Data Manager M**	
Acquisition of charging data Manufacturer portal - App / MID meter / Compliant with calibration law		<input checked="" type="radio"/> ** / <input checked="" type="radio"/> ** / <input checked="" type="radio"/> **	
Features		Boost function, blackout protection, forecast based loading	

\*\* Depending on release and provision date of the manufacturer

Manufacturer

Product series		Sungrow EV Charger	
Product name		IDC30E	
Wallbox / Charging station		Wallbox / DC	
Cable / Socket		CCS Combo-2 Plugs	
Suitable for	Private	<input checked="" type="radio"/>	
	Half-Public	<input type="radio"/>	
	Public	<input type="radio"/>	
Max. charging power (kW)		30 kW	
Grid connection		3-phase 400V / 63A, 50Hz	
Special features / accessories	DC residual current detection (RCD)	DC residual current detection > 6mA (on-site residual current circuit breaker type A required)	
	RFID	<input checked="" type="radio"/>	
	Key switch	<input type="radio"/>	
	Intelligent energy management (connection to PV)		<input checked="" type="radio"/> with Sungrow announced
Dynamic load management		<input type="radio"/>	
Acquisition of charging data Manufacturer portal - App / MID meter / Compliant with calibration law		<input checked="" type="radio"/> / announced / announced	
Features		DC charger, Wifi connection, App	