

EVC

Wall-mounted EV Chargers

Types

EVC Mono

1 or 3-phase single charging unit with plug or socket in different configurations

EVC Duo

1 or 3-phase double charging unit with plugs or sockets in different configurations

(See page 3 for all available models)



Benefits

General

- ▶ Fast and efficient charging
- ▶ Durable and long-lasting metal construction
- ▶ Fire retardant housing
- ▶ Sealed, IP54 rated housing
- ▶ Protection against both overload and short circuit
- ▶ DIN rail mounting serviceable components
- ▶ Customizable front plate
- ▶ Large range of options available
- ▶ Dynamic Load Management
- ▶ Tesla charge port opener/unlocker
- ▶ Charging socket with shutter (optional)

Plus versions

- ▶ Iskra charge control app
- ▶ Wireless dynamic power control
- ▶ Built in independent web server with preloaded app
- ▶ Dynamic power control with smart solar SURPLUS charging if solar power plant is installed
- ▶ RFID charging enabled



Type	EVC Mono	EVC Duo
Charging station plug / socket type	Type 2 (IEC 62196) female plug ¹ (C models) or charging socket (S models)	Two Type 2 (IEC 62196) female plugs ¹ (C models) or charging sockets (S models)
Max. charging power	3.7 kW or 7.4 kW (1-phase) 11 kW or 22 kW (3-phase)	2× 3.7 kW or 2× 7.4 kW (1-phase) 2× 11 kW or 22 kW (3-phase)
Max. charging current ²	16 A or 32 A (1-phase) 3×16 A or 3×32 A (3-phase)	2× 16 A or 2× 32 A (1-phase) 2× 3×16 A or 2× 3×32 A (3-phase)
Possible charging current settings (by user) ³	6/8/10/13/16 A (1-phase) 6/8/10/13/16/20/25/32 A (3-phase)	2× 6/8/10/13/16 A (1-phase) 2× 6/8/10/13/16/20/25/32 A (3-phase)
Rated Voltage	230 Vac / 400 Vac	230 Vac / 400 Vac
Operating voltage / frequency range	From 180 V up to 270 V (1-phase) From 310 V up to 470 V (3-phase) / 50/60 Hz	From 180 V up to 270 V (1-phase) From 310 V up to 470 V (3-phase) / 50/60 Hz
Cable length (if ordered with plug and cable) ⁴	5 m - other dimensions optional / Premium quality according to EV charge cable standard DIN EN 50620	5 m - other dimensions optional / Premium quality according to EV charge cable standard DIN EN 50620
Spiral cable	5 m (optional)	5 m (optional)
Circuit breaker	Yes	Yes
Integrated residual-current device type B or type A + 6 mA DC (FID/RCCB)	Yes	Yes
Wi-Fi Iskra Charge Control app.	Plus versions only	Plus versions only
Activation via charge control app	Plus versions only	Plus versions only
Iskra Dynamic Power Control system	Optional	Optional
RFID charging enable	Optional	Optional
MID certified Energy meter	Optional	Optional
Type 2 charging socket with locking mechanism	Optional	Optional
Type 2 plug holder	Optional	Optional
Tesla remote for opening charge port and unlocking the plug – integrated in Type 2 plug	Optional	Optional
Supported Wi-Fi standards ⁵	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Wi-Fi speed ⁵	Up to 150 Mbit/s	Up to 150 Mbit/s
Wi-Fi security ⁵	WPA2	WPA2
Wi-Fi signal range ⁵	Up to 20 m	Up to 20 m
UV resistance	Yes (all parts)	Yes (all parts)
Custom front plate	Optional colors and UV print for all models	Optional colors and UV print for all models
IP rating	IP54	IP54
Operating ambient air temperature range	From -30 °C to +50 °C	From -30 °C to +50 °C
Maximum operating altitude	2000 m	2000 m
Relative ambient humidity (operational and storage)	Max 95 % (without condensation)	Max 95 % (without condensation)
Storage temperature	From -40°C up to +70°C	From -40°C up to +70°C
Minimum required power supply cable cross section	3G 2,5 mm ² for 3,7kW, 3G 6 mm ² for 7,4 kW, 5G 2,5 mm ² for 11 kW, 5G 6 mm ² for 22 kW	2× 3G 2,5 mm ² for 2× 3,7kW, 2× 3G 6 mm ² for 2× 7,4 kW 2× 5G 2,5 mm ² for 2× 11 kW, 2× 5G 6 mm ² for 2× 22 kW
Weight	Approx. 8 - 10 kg	Approx. 10 - 12 kg

1 Type 1 or Type 3 plug optional.

2 Exact max charging power and configuration information can be found on the product information label, which is located on the right hand side of the charging station.

3 Charging current setting is based on the order and only customers that need max 32 A/phase can set the charging current above 16 A.

4 Cable length is not fixed and can be customized.

5 Plus versions only.

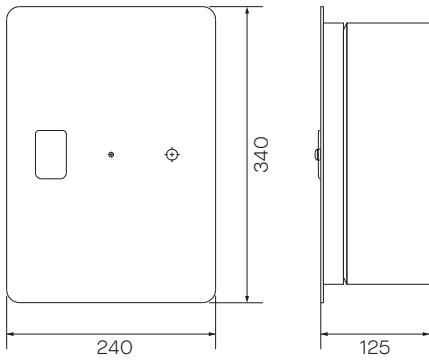
STANDARD MODELS	No. of charging points	1 or 3-phase	Plug / Socket	Max charging power	Basic Dynamic Power control	Independent Weekly Timer	kWh counter	Tesla charge port opener	RFID
EVC Mono 1P P 37	1	1-phase	Plug	3,7 kW	Optional	Optional	Optional*	Optional	-
EVC Mono 1P P 74	1	1-phase	Plug	7,4 kW	Optional	Optional	Optional*	Optional	-
EVC Mono 1P S 37	1	1-phase	Socket	3,7 kW	-	Optional	Optional*	-	-
EVC Mono 1P S 74	1	1-phase	Socket	7,4 kW	-	Optional	Optional*	-	-
EVC Mono 3P P 11	1	3-phase	Plug	11 kW	-	Optional	Optional*	Optional	-
EVC Mono 3P P 22	1	3-phase	Plug	22 kW	-	Optional	Optional*	Optional	-
EVC Mono 3P S 11	1	3-phase	Socket	11 kW	-	Optional	Optional*	-	-
EVC Mono 3P S 22	1	3-phase	Socket	22 kW	-	Optional	Optional*	-	-
EVC Duo 1P P 37	2	1-phase	Plug	2× 3,7 kW	Optional	Optional	Optional*	Optional	-
EVC Duo 1P P 74	2	1-phase	Plug	2× 7,4 kW	Optional	Optional	Optional*	Optional	-
EVC Duo 1P S 37	2	1-phase	Socket	2× 3,7 kW	Optional	Optional	Optional*	-	-
EVC Duo 1P S 74	2	1-phase	Socket	2× 7,4 kW	Optional	Optional	Optional*	-	-
EVC Duo 3P P 11	2	3-phase	Plug	2× 11 kW	Optional	Optional	Optional*	Optional	-
EVC Duo 3P P 22	2	3-phase	Plug	2× 22 kW	Optional	Optional	Optional*	Optional	-
EVC Duo 3P S 11	2	3-phase	Socket	2× 11 kW	Optional	Optional	Optional*	-	-
EVC Duo 3P S 22	2	3-phase	Socket	2× 22 kW	Optional	Optional	Optional*	-	-

PLUS MODELS	No. of charging points	1 or 3-phase	Plug / Socket	Max charging power	ISKRA Dynamic Power Control	Independent Weekly Timer	MID CERTIFIED kWh counter	Tesla charge port opener	RFID
EVC Mono Plus 1P P 37	1	1-phase	Plug	3,7 kW	Optional**	Optional	Optional	Optional	Optional
EVC Mono Plus 1P P 74	1	1-phase	Plug	7,4 kW	Optional**	Optional	Optional	Optional	Optional
EVC Mono Plus 1P S 37	1	1-phase	Socket	3,7 kW	Optional**	Optional	Optional	-	Optional
EVC Mono Plus 1P S 74	1	1-phase	Socket	7,4 kW	Optional**	Optional	Optional	-	Optional
EVC Mono Plus 3P P 11	1	3-phase	Plug	11 kW	Optional**	Optional	Optional	Optional	Optional
EVC Mono Plus 3P P 22	1	3-phase	Plug	22 kW	Optional**	Optional	Optional	Optional	Optional
EVC Mono Plus 3P S 11	1	3-phase	Socket	11 kW	Optional**	Optional	Optional	-	Optional
EVC Mono Plus 3P S 22	1	3-phase	Socket	22 kW	Optional**	Optional	Optional	-	Optional
EVC Duo Plus 1P P 37	2	1-phase	Plug	2× 3,7 kW	Optional***	Optional	Optional	Optional	Optional
EVC Duo Plus 1P P 74	2	1-phase	Plug	2× 7,4 kW	Optional***	Optional	Optional	Optional	Optional
EVC Duo Plus 1P S 37	2	1-phase	Socket	2× 3,7 kW	Optional***	Optional	Optional	-	Optional
EVC Duo Plus 1P S 74	2	1-phase	Socket	2× 7,4 kW	Optional***	Optional	Optional	-	Optional
EVC Duo Plus 3P P 11	2	3-phase	Plug	2× 11 kW	Optional***	Optional	Optional	Optional	Optional
EVC Duo Plus 3P P 22	2	3-phase	Plug	2× 22 kW	Optional***	Optional	Optional	Optional	Optional
EVC Duo Plus 3P S 11	2	3-phase	Socket	2× 11 kW	Optional***	Optional	Optional	-	Optional
EVC Duo Plus 3P S 22	2	3-phase	Socket	2× 22 kW	Optional***	Optional	Optional	-	Optional

* Standard or MID certified.

** Hardwired or Wireless.

*** Wireless option only.

Dimensions (mm)**Mono type****Duo type**