

DATA SHEET: i-CHARGE CION SEMIPUBLIC



Example – EMCIONS2P-

SCHRACK-INFO

The modern design of the i-CHARGE CION charging station makes it the perfect choice for charging BEVs in a private garage, but is equally fit for the public space.

The TYPE 2 charging point reliably charges all BEVs currently available in the market with up to 22 kW. Thanks to the charging station's integrated residual current monitoring unit (RCMU) it can be easily integrated into existing installations.

For private usage scenarios the model version with permanently connected charging cable is suited best. After charging has finished, the charging cable can be comfortably rolled up over the top of the chassis.

If different types of vehicles shall be charged, particularly models with a TYPE 1 charging plug, it is best to choose a version with TYPE 2 charging socket. This type will accept the adaptor cables which allow charging of all kinds of BEVs.

The charging station is equipped with a clearly readable RGB LED display, which visualises the current charging status.

TECHNICAL DATA

Order Number	EMCIONS1C	EMCIONS2C	EMCIONS2P
Enclosure material	Polycarbonate (PC) - front: light grey; rear: blue grey		
Charging point	TYPE 2 cable 5 m (gross) – 4,7 m (net); 3.7 - 11 kW	TYPE 2 cable 5 m (gross) – 4,7 m (net); 3.7 - 22 kW	TYPE 2 socket; 3.7 - 22 kW
Charging current levels*	1~: 13 A; 16 A 3~: 13 A; 16 A	1~: 13 A; 16 A 3~: 13 A; 16 A; 20 A; 32 A	
Power supply*	1~/N/PE; 230 V; 16 A 3~/N/PE; 400 V; 16 A	1~/N/PE; 230 V; 16 A 3~/N/PE; 400 V; 32 A	
Back-up fuse**	MCB 3 poles, C, 16 A* RCCB type A, 30 mA	MCB 3 poles, C, 32 A* RCCB type A, 30 mA	
Rated output**	11 kVA	22 kVA	
Safety device	6 mA DC residual current detection meeting OVE EN IEC 61851		
Degree of protection	IP54; IK10		
Supply line	Max. clamping cross section 5x10 mm ² (suitable for copper and aluminium conductors)		
Cable inlet	From below or from rear, as required; M25 and M32 sealing glands included (max. outer cable cross section 21 mm)		
Temperature range	-30 °C to 50 °C		
Dimensions	H490 x W274 x D180 mm		
Weight	4.5 kg	5.7 kg	3.5 kg
Authentication	Local RFID via RS232		
Payment	-		
Load management	MODBUS RTU via RS485; 0-10 V interface; 12 V actuator		

* At max. load depending on 1- or 3-phase power supply.

Charging current/power can be set on site.

** For 3-phase power supply line and at maximum charging current.

Standard equipment provided

All i-CHARGE CION charging stations are despatched with a complete set of mounting hardware.

Delivery of all EMCIONSxx versions also includes 1 master teaching card and 2 charge cards for authorisation.