

Fast Charging Station

OlifeEnergy DC

A fast charger for electric vehicles up to 360 kW in a free-standing design case. Power electronics are mounted inside the charger chassis (for power up to 160 kW no external cabinet needed). The OlifeEnergy DC Charger has two cables for fast DC charging. In „Dual“ mode it can fast-charge two electric vehicles simultaneously. The charger can also optionally be fitted with an AC charging socket or cable with a plug. The station is fully compliant with the OlifeEnergy Cloud service for remote monitoring, control, load balancing and advanced power control. OCPP, RfID card or smartphone app control ready.



SPECIFICATION

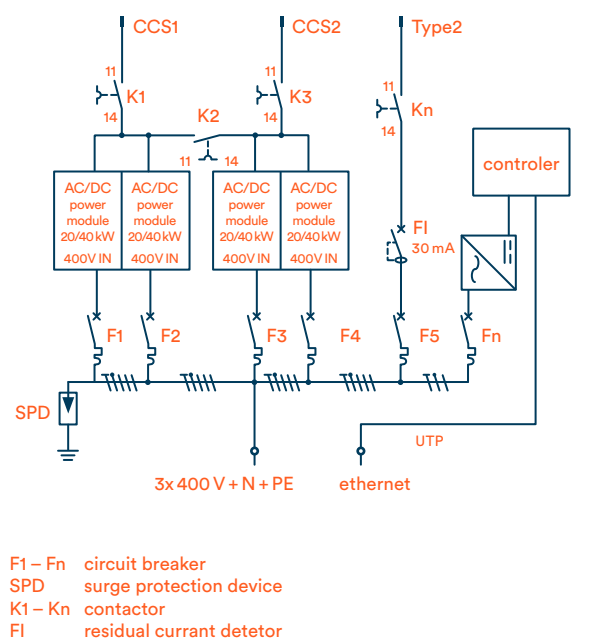
Model	40–160 kW	200–360 kW
Operation mode	single / dual output	
Form	outside IP54, IK10 – free standing charger	IP54, IK10 – free standing charger with external power cabinet
Connection to EV	cable with plug (IEC 62196-3)	
Charging mode	Mode 4, Case C (IEC 61851-1)	
DC output	CCS2	
AC output (optional)	Type 2 socket / cable with Type 2 plug	
Control	local – automatic charging, RfID / remote – OlifeEnergy Cloud (RfID, smartphone app.) / OCPP 1.6 (2.0.1)	
AC inlet	AC 3 + N + PE 400 V 50 Hz, TN-S / AC 3 + PEN 400 V 50 Hz, TN-C	
Input current (max., without AC option)	3 × 38 A for each 20 kW of output power	
Output voltage	150–1000 VDC	
Overcurrent protection	three-pole circuit breaker for every power module	
Overvoltage protection	T1+T2 (IEC 60364-7-722)	
Input wire cross section	35–120 mm ² up to 80 kW, 95–185 mm ² up to 160 kW	2 × 95–240 mm ² over 160 kW
Output current (max.)	67 A for each 20 kW of output power, max 500 A	
Charging cable length	5 m	
Communication	OlifeEnergy Cloud, OCPP-J, 1.6, 2.0	
Data connection	Ethernet, USB (GSM, Wi-Fi)	
Operating temperature	-25 °C to 40 °C	
Operating humidity	5 % to 95 %	
Dimensions	2049 × 695 × 400 mm	2049 × 695 × 400 mm + ext. cabinet 1600 × 600 × 800 mm
Weight	200–300 kg	200–300 kg + 200–350 kg

OLIFEENERGY CLOUD

A charging station with a functionality extended by an option to be connected to the OlifeEnergy Cloud service and OCPP server. The OlifeEnergy Cloud service provides remote diagnostics, access management, and registration of charging. It also makes it possible to operate a public charging station. Through OlifeEnergy Cloud, it is possible to dynamically control the output of several stations and to communicate with existing MaR systems.



DIMENSIONS & SCHEMA



(dimensions in mm)

