

OlifeEnergy Fast DC Charging Station

A fast charger (25 - 125 kW) for electric vehicles in a free-standing design case. Power electronics are mounted inside the charger chassis for power up to 75 kW. 100 kW and 125 kW stations need an external location for the power modules. 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 Type1 / Type2 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.

Model	40 - 120 kW	140 - 320 kW
Operation mode	single /dual output	
Form	outside IP54 - free standing charger	IP54 - free standing charger with external power cabinet
Connection to EV	cable with plug (IEC 62196-3)	
Charging mode	4 dle IEC 61851-1, type C	
DC output	CCS2 / CHAdeMO - IEC 61851-24	
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)	
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 (max.)	1000 VDC	
Output current (max.)	67 A for each 20 kW of output power	
Charging cable length	3–5 m DC/5 m AC	
Communication	OlifeEnergy Cloud, OCPP-J, 1.6, 2.0	
Data connection	Ethernet, USB (GSM, Wi-Fi)	
Operating temperature	-30 °C to 50 °C	
Operating humidity	5 % to 95 %	
Dimensions	2049 x 695 x 400 mm	+ ext. cabinet 1600 x 600 x 800 mm
Weight	120 kg	150 kg 180 kg 210 kg 240 kg

