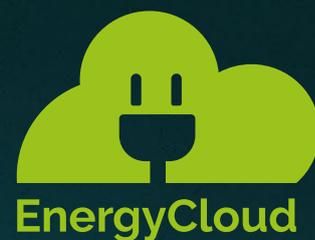# DC charging station

Reliable source for fast, safe and efficient charging of electric vehicles.

EnergyCloud

HIGH POWER output up to 300 kW

SCALABLE POWER
30 – 300 kW

CHARGING A VEHICLE
with range of 500 km in 15 min

0   100 %

www.EnergyCloud.cz

MAIN FEATURES
OF ENERGYCLOUD DC CHARGING STATION

Modular system with output power 30 – 300 kW	Fast charging up to two EVs simultaneously	Charging of a vehicle with battery voltage up to 1000 V	Support charging standards CCS, CHAdeMO and AC Type-2
Optional 230 V AC charging socket (for charging e-bikes, e-scooters and others)	Intelligent regulation of charging power	OCPP 1.6 JSON connectivity	Support ISO 15118 and Plug & Charge
10" display with onboard application, intuitive control panel with rugged, anti-vandal buttons	Optional online payment with GooglePay / ApplePay, administration of registered users	Modern look designed for public installations	Simple installation and initial setup

Ability to connect and DC charge up to 2 electric vehicles simultaneously. An additional EV can be connected at any time thanks to active regulation of charging power that splits power output evenly. Charging station also offers comfort Plug & Play function. Thanks to this function, charging process starts automatically without user's input.

Technical parameters

Nominal power	60 kW	120 kW	180 kW
Input	3p+PEN 400 V / 50 Hz		
Nominal current	90 A	175 A	260 A
Output DC voltage	150 to 1000 V		
Output DC current	200 A	400 A	600 A
Efficiency	96 %		
Surface finish	Stainless steel		
Dimensions (w, h, d)	1835 x 800 x 350 mm	1835 x 800 x 500 mm	1835 x 800 x 700 mm
Ingress protection and impact protection ratings	IP 54 and IK 10		
Weight	100 kg	140 kg	180 kg
Ambient temperature	-25°C - +55°C		

Charging

Number of outputs	2x CCS or 1x CSS and 1 x ChaDeMo	1x CCS water cooled + 1x CCS or 1 x ChaDeMo	1x CCS water cooled + 1x CCS or 1 x ChaDeMo
Number of AC outputs	1 output, Type 2 (22 kW)		
1 output AC (230 V)	SCHUKO		
Power meter	MID certification		
Charging cable length	up to 5m		

Connectivity and user interface

Connectivity	Ethernet (RJ45), WiFi, GSM	Communication	OCPP 1.6 JSON
Authorization	Online payment with GoPay/ApplePay, RFID tag/card	User interface	10" LCD display with rugged buttons OnBoard application Mobile application for Android/iOS User administration with multilingual support (CZ / EN / DE)