

# **Product description**

Focused on bringing new and innovative solutions to the EV charging market characterized by a growing trend for fast high-power chargers, Efacec developed a new and innovative solution that fits all features of this emerging market. The HV175 is a High Power Ultra Fast charging solution, able to supply up tp 320 kW by connecting two HV175 units to an user interface unit with adequate cable and connector. Connecting more HV175 units to a mechanical connection allows higher currents as can be used by some heavy vehicles.

Using Efacec's more than 30 years of experience in power electronics technology, the HV175 is the most powerful charging system, safe, robust, durable, stable and environmentally friendly.

### **Available Models**

HV160 HV175 HV350

## DC plug-in charging system



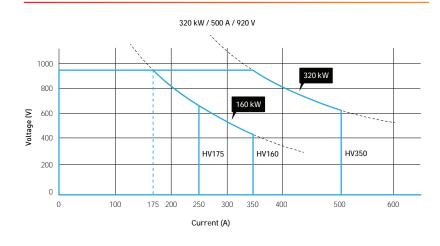
## Main features

- Fits all CCS vehicles
- Customizable
- Mode-4 charging
- $HV350 = 2 \times HV175$
- Liquid cooled cable
- Indoor/Outdoor (IP54)

· Long-range EVs charging spots



## **Output Characteristics**



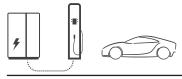
## **Output Configurations**

## Scenario 1



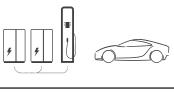
Direct connection of the HV175 cable to the electric vehicle limited to 175 A due to the cable.

### Scenario 2



One **HV160** unit connected to an user interface unit

## Scenario 3



Two HV175 units, with a total output current of 350 A connected to an user interface un it equipped with a 350 A changing cable

## Scenario 4



Two or more HV175 units connected to a mechanical connection device.









