

Available Models

HV160 HV175 HV350

DC plug-in charging system



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.

Main features

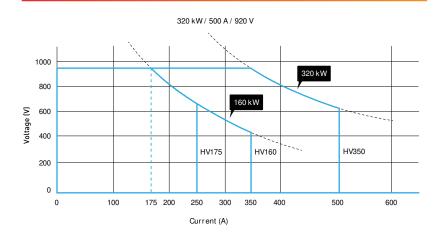
- Fits all CCS vehicles
- Customizable
- Mode-4 charging
- HV350 = 2 x HV175
- · Liquid cooled cable
- Indoor/Outdoor (IP54)

Applications

• Long-range EVs charging spots



Output Characteristics



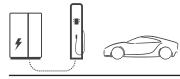
Output Configurations

Scenario 1



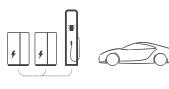
Direct connection of the HV175 cable to the electric vehicle limited to 175 A due to the cable.

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.









