



BoostQ DC Fast

Unlimited
Power

Unlimited
Versatility

Unlimited
Potential

BoostQ DC Fast is TOPDON's electric vehicle charging station designed specifically for the US market with the J1772 interface. It features two connectors and a high-definition 15" touchscreen, combining sleek design with powerful functionality. Compared to traditional charging stations, the BoostQ DC incorporates a highly integrated programmable controller. Integrating power supply, communication, and safety protection, significantly improving charging efficiency and safety.

With a maximum power of 240KW and a charging conversion efficiency of up to 96%, it provides fast and stable charging for electric vehicles. It offers two charging modes: App mode and RFID mode, and is equipped with an emergency stop button, allowing flexible charging in various scenarios. With two charging gun heads and support for OCPP 1.6J protocol, it can be connected to third-party platforms, making it a perfect choice for commercial use.

Features:

Built-in programmable power controller for ease of use

CCSI connectors, works with standard American electric vehicles

Easy-to-navigate 15" LCD touchscreen

App and RFID charging modes

An emergency stop function

Support OCPP1.6J and compatible with third-party platforms

OTA remote upgrades keep your charger up-to-date with the latest features

Specs:

Charging Mode:
Model 4; CCS1

Output Power:
60/120kW/180kW/240kW

Output Voltage:
150-1000Vdc

Output Current:
250A

Kilowatts:
240

Number of Connector:
CCS1*2

Input Voltage:
480VAC±10%

Input Frequency:
50/60Hz

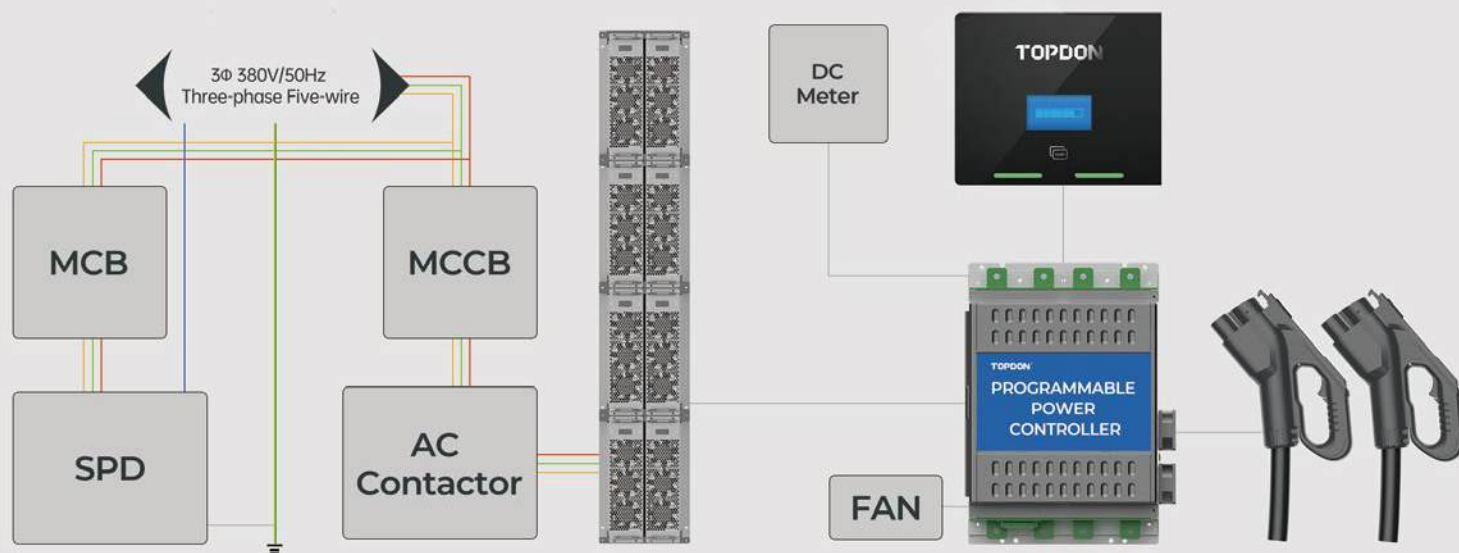
Connectivity:
4G/3G, Ethernet(RJ45)

Communication Protocols:
OCPP 1.6J/2.0J

IP and IK Rating:
NEMA3S; IK10 (cabinet) or IK8 (touchscreen)

Dimensions:
**2000mm*980mm*598mm
(78.7 x 38.6 x 23.5 in.)**

Safety Standards:
UL 2202, UL 2231-1, UL 2231-2



PROGRAMMABLE POWER CONTROLLER

The TOPDON BoostQ DC Fast features the state-of-the-art programmable power controller. This highly integrated power module is a game-changer, combining multiple functional components into one compact unit. With the PPC at its core, the BoostQ DC Fast brings unparalleled convenience to customers by streamlining EV charger construction. Say goodbye to complex setups and say hello to simplicity. The PPC seamlessly integrates BMS power supply, car communication, charging process control, insulation detection, voltage detection, DC power metering, and advanced protection features such as over voltage, over current, and short circuit protection, all in a single controller.

Features:

Stable Operation:

With a streamlined construction that minimizes connectors, transition terminals, and relays, our PPC offers a more rational design that reduces interference and maximizes reliability. Keep your charging infrastructure up and running smoothly.

Easy Maintenance:

Equipped with comprehensive fault detection functions, it enables accurate and swift identification of faulty parts. Instead of dealing with hundreds of accessories, simply replace the power controller, saving you valuable time and significantly improving repair efficiency.

Specs:

Input Power:
220V AC

Input Voltage:
<750V DC

Number of output circuits:
2 (2 charging guns)

Maximum Output Current:
250A DC

Host Computer
Communication Interface:
RS485

Power module
communication interface:
CAN

Weight:
9 kg (19.8 lb.)

Operation Temperature:
-20°C ~+60°C (-4°F ~ 140°F)

Storage Temperature:
-40°C~+80°C (-40°F ~ 176°F)

Cooling Method:
Natural Cooling

Dimensions:
410mm x 280mm x 170mm
(16.1 x 11 x 6.1 in.)