



BoostQ Series

DC Fast Charging Stations with up to 240 KW of power output

-  Intelligent design for ease of installation & maintenance
-  Modular technology offers power expandability 60kw up to 240kw
-  Full-featured, ideal for any charge point application

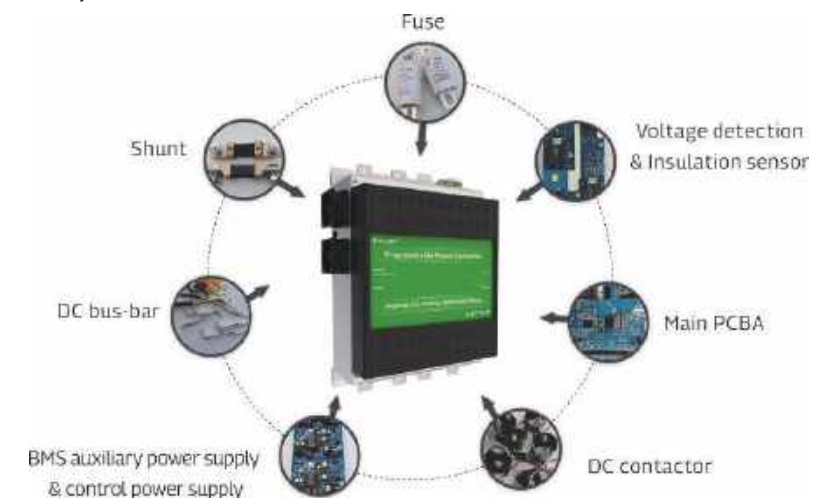
PRODUCT INTRODUCTION

BoostQ Series charging stations offer 4 output options, 60KW, 120KW, 180KW & 240KW, all in 1 cabinet. Equipped with 2 charging ports, and an intuitive user interface, BoostQ provides cutting-edge design with efficiency in start-up, operation and maintenance.

PRODUCT HIGHLIGHTS



SMART DESIGN + SMART TECHNOLOGY - BoostQ is engineered to provide efficiency and expandability. The exclusive PPC (Programmable Power Controller) combines 7 individual functions and components into 1. And our unique, 30KW power modules are neatly stacked to provide the needed KW output. The PPC and modules work together to allow for addition or swap out of power, in-the-field, for service or expansion.



BoostQ SERIES SPECIFICATIONS

Power Specification	
Input voltage rating	480VAC±10%, 50 / 60 Hz
Power wiring	3P+N+PE
Dc voltage output	150~1000VDC
Charging connector	CCS1+CCS1, CCS1+NACS (Coming soon)
Charging cable length	5 meters / 7.5 meters optional
DC power output rating	60kW / 120kW / 150kW / 180kW / 240kW
Constant power range	300~1000V DC
The maximum output current	250A, Max @300A
PF(Power Factor)	>0.98(Load≥50%)
THD-I	≤5%(Rating voltage input, Load≥50%)
Peak efficiency	≥96%
Voltage stabilized accuracy	≤±0.5%
Current stabilized accuracy	S±106
Output voltage error	±0.5%
Output current error	≤±1%(when output current≥30A); s±0.3A(when output current<30A)
Ripple factor	≤±0.5%(RMS)
Electric energy measurement method	Measuring DC output electric energy
Connector mechanical operating life	≤10000 times, without load
User Interface &Control	
Charging control	RFID
Human-machine interface	10-inch high-contrast touch screen
Indicators	High brightness multi-color LED lights
Network interface	Ethernet (RJ-45) / 4G(Optional)
Protocol(EVSE&Backend)	OCPP 1.6J; Security Level 3; upgradable to OCPP 2.0.1 in 2024
Protocol(EVSE&EV)	DIN70121.ISO15118
Environmental	
Storage temperature	-40°F to 167°F
Work temperature	-22°Fto 122°F, derating output in 131°F
Work humidity	Up to 95%non-condensing
Work altitude	≤2000m
Cooling method	Forced air cooling
Protection	
Protection	Over Voltage Protection; Under Voltage Protection; Over Current Protection Over Power Protection; Over Temperature Protection; Surge Protection Device; Short Circuit Protection; Inter modulation Distortion; Over Current Protection; Over Voltage Protection; Over Temperature Protection
Mechanical	
Protection ratings	Type 3R
Dimension (W×D×H)	1040mmx580mm*2200mm / 40.94"x 22.83"x 86.6"
Net weight	384kg(60kW)416kg(120kW)432kg(150kW)448kg(180kW)480kg(240kW)
Enclosure material	Metal
Color	RAL 7032 (Grey)

USER INTERFACE



- 1

Cable Management w/LED Indicator
- 2

Optional Display Graphics
- 3

Emergency Stop Button
- 4

RFID Reader
- 5

LCD Screen
- 6

Charging Connector A
- 7

Charging Connector B

AVAILABLE CONNECTORS & ADAPTERS

