

eMOBILITY  
SOLUTIONS



# **innogy eStation Power 50**

## 50kW DC Fast Charging Station

### - Product Data Sheet -



Product subject to modification without prior notice. This document might not contain the latest changes to the product's specifications or processes described herein

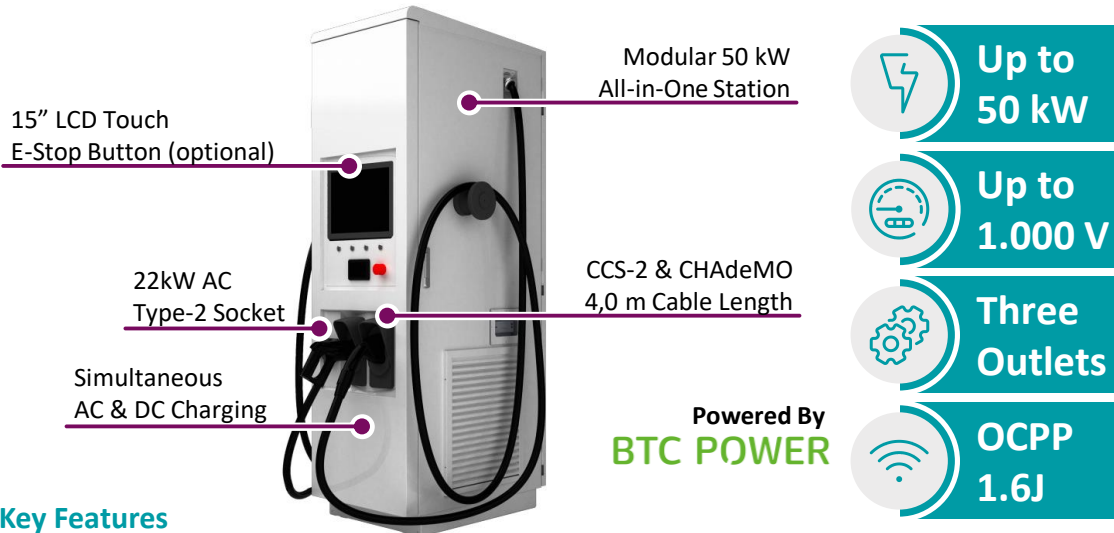


# innogy eStation Power 50

## Technical Product Data Sheet



innogy



### Key Features

- **Future-proofed system** with wide output voltage range of **up to 1.000 Vdc**
- Compact and flexible **system design** with **galvanic-isolated power stacks**
- **EMC Class B (residential)** rated in accordance with IEC 61851-21-2
- Simultaneous **AC and DC charging** with up to 22kW and up to 50 kW, respectively

### System Specifications

#### General System Specifications

Power Rating	50 kW
Efficiency	> 94 %
Power Factor	> 0.96
Noise Emissions	< 60 dB
Humidity	< 95 % non-condensing
Operating Temperature	-30 °C to +50 °C
Altitude	Up to 2.000 m
Protection Rating	IP54 · IK10 (Enclosure)
Dimensions [HxWxD]	1.884 x 738 x 809 x mm <sup>3</sup>
Weight	~ 365 kg

#### AC Input – Grid Connection

AC Connection	AC 3-phase L1, L2, L3, N, PE
Input Voltage	400 V <sub>ac</sub> ± 10 %
Frequency	50 Hz ± 10 %
Input Current Rating	110 A

#### Connectivity

Communication	LAN · WiFi · Cellular
Protocol	OCPP 1.6J

### Charging – Output Specifications

#### CCS-2 – DC Charging

Power Rating	50 kW
Output Voltage Range	200 – 1.000 V <sub>dc</sub>
Output Current	Max. 125 A
Cable Length	4,0 m

#### CHAdeMO – DC Charging

Power Rating	50 kW
Output Voltage Range	200 – 500 V <sub>dc</sub>
Output Current Rating	Max. 125 A
Cable Length	4,0 m

#### Type 2 – AC Charging

Power Rating	22 kW
Output Voltage	400 V <sub>ac</sub> 3-phase
Output Current	32 A
Connector	Type-2 Socket

### Product Compliance

Norms & Standards	IEC 61851, IEC 62196 DIN 70121, CHAdeMO v1.2
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