

Turbo Series DC Charger

120kW Turbo Series surpasses Japanese standards to ensure seamless integration and reliability. Its space-efficient design prioritises user safety. Adaptable to different EV models, it excels in Japan's evolving EV landscape. With a focus on sustainability, it offers fast charging, high performance and smart grid integration. The additional cable management allows easy operation for people with limited strength, enhancing the convenience of the DC charger.

JP Standard



High-speed charging capability

- Delivers swift and efficient charging with 120kW output.
- Simultaneously charging, optimizing efficiency.

Customization features

- Customized for JP market with CHAdeMO Protocol 2.0.2
- Optional with cable management
- Optional POS terminal for contactless credit card payment

Flexible & durability

- High protection grade as IP54
- App operation/RFID authentication/Plug to play
- IK10 impact protection
- Full level of electrical protection

Intelligent connectivity

- Ethernet/4G communication all supported
- OCPP 1.6 Json
- Intelligent operation by App and cashless payment

Turbo Series DC Charger

Datasheet	Model	DC120K
Electrical Specification	Power Supply	3P+N+PE
	Rated Voltage	3Φ4W 400V AC ±15%
	Rated Current	188A
	Frequency	50/60Hz
	Output Voltage	150-500V DC
	Maximum Current	200A
	Rated Power	120kW
Basic Attributes	Charge Connector	CHAdeMO
	Cable Length	5m
	Enclosure	Galvanized Steel
	Installation	Floor Stand
Interactive Interface	Cable Management	Optional
	LED indicator	Green/Yellow/Red
	LCD Display	10.1" Color Touch Display
	RFID Reader	Support ISO14443A/Felica
Communication	Start Mode	App/QR code/RFID Card/POS(Optional)
	Ethernet	Yes
	4G	Optional
Electrical Parameter	OCPP	OCPP 1.6 Json
	Efficiency	Max95%
	Power Factor	≥0.99@50%-100%Loading
	THD	≤5%@100%Loading
Safety	Ripple Factor	±1%
	RCD	Type A(Optional)
	Emergency Stop	Yes
	Ingress Protection	IP54
	Impact Protection	IK10(without screen)
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
	Certification	CHAdeMO Protocol Rev. 2.0.2
Working Environment	Certification Standard	IEC 61851-1:2017 IEC 61851-21-2:2021 IEC 61851-23:2014
	Warranty	2 Years
	Cooling Method	Fan Cooling
	Noise	≤65dB@22°C
Package	Operation Temperature	-30° C ~+40° C
	Work Humidity	5%-95%
	Work Altitude	<2000m
	Product Dimension	750*525*1830mm(W*D*H) Cable Management: 320mm*200mm*710mm(W*H*D)
	Package Dimension	1030*620*2100mm(W*D*H) Cable Management: 1200mm*440mm*365mm(W*D*H)
Package	Net Weight	228kg
	Gross Weight	268kg
	Cable Management Weight	Net Weight: 27kg Gross Weight: 33kg
External Package		Wood Case