

Turbo Series DC Charger

50kW Turbo Series complies with Japanese standards, ensuring seamless integration and unmatched reliability. Its modular design enhances maintenance efficiency, while its energy-efficient operation meets Japan's sustainability goals. With fast charging, high performance and smart grid integration, it is perfectly suited to various EV models and fits seamlessly into Japan's dynamic EV landscape.

JP Standard



High-speed charging capability

- Delivers swift and efficient charging with 50kW 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 | DC050K |
|--------------------------|-------------------------|---|
| Electrical Specification | Power Supply | 3P |
| | Rated Voltage | 3φ3W 200V AC ±15% |
| | Rated Current | 157A |
| | Frequency | 50/60Hz |
| | Output Voltage | 150-500V DC |
| | Maximum Current | 150A |
| | Rated Power | 50kW |
| 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 | Max95.5% |
| | 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 |
| | Operation Temperature | -30° C ~+40° C |
| Package | 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) |
| | Net Weight | 198kg |
| | Gross Weight | 238kg |
| External Package | Cable Management Weight | Net Weight: 27kg Gross Weight: 33kg |
| | External Package | Wood Case |