

Rocket Series DC Charger

The Rocket Series DC Charger uses a 40 kW constant power module to reduce charging time with high current output. It smartly allocates power to meet different vehicle charging needs for safe and fast charging. With IP54 protection, it adapts to all weather conditions and has multiple protection functions for user safety. Maintenance is easy with support for remote OTA upgrades and operation/maintenance platforms.

EU Standard



Efficient

- CCS2 is standard, CHAdeMO, CCS1 and GB/T can be customized
- Two connectors up to 300 kW in total
- Wide voltage range: 200-1000 V DC

Flexible

- App / RFID / QR Code / POS (Optional)
- POS terminal with contactless card payment

Intelligent

- Multiple communication: Ethernet / 4G / Wi-Fi
- OCPP 1.6 Json
- E-payment through App / POS

Secure & Safe

- Ingress protection (IP54)
- MID Meter (Optional)



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| Datasheet                | Model                  | DC300K                                                                                                                                                                                                 | DC240K | DC160K |
|--------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| Electrical Specification | Power Supply           | 3P+N+PE                                                                                                                                                                                                |        |        |
|                          | Input Voltage          | 400 V AC ±10%                                                                                                                                                                                          |        |        |
|                          | Input Current          | 471 A                                                                                                                                                                                                  | 377 A  | 252 A  |
|                          | Input Frequency        | 50 / 60 Hz                                                                                                                                                                                             |        |        |
|                          | Output Voltage         | 200-1000 V DC                                                                                                                                                                                          |        |        |
|                          | Maximum Output Current | 350 A                                                                                                                                                                                                  |        |        |
|                          | Maximum Output Power   | 300 kW                                                                                                                                                                                                 | 240 kW | 160 kW |
| Basic Attributes         | Charge Connector       | CCS2+CCS2                                                                                                                                                                                              |        |        |
|                          | Cable Length           | 5 m                                                                                                                                                                                                    |        |        |
|                          | Enclosure Material     | Galvanized Steel                                                                                                                                                                                       |        |        |
|                          | Colour                 | Granite Gray (RAL 7026)                                                                                                                                                                                |        |        |
|                          | Installation           | Floor Stand                                                                                                                                                                                            |        |        |
| Interactive Interface    | LED indicator          | Green / Yellow / Red                                                                                                                                                                                   |        |        |
|                          | LCD Display            | 10.1" Colour (Touch Display)                                                                                                                                                                           |        |        |
|                          | RFID Reader            | Mifare Classic ISO/IEC 14443-A<br>DESFire Duox ISO/IEC 14443-A<br>FeliCa JIS X 6319-4                                                                                                                  |        |        |
|                          | Start Mode             | App / QR / RFID Card / POS (Optional)                                                                                                                                                                  |        |        |
|                          | Cable Management       | Optional                                                                                                                                                                                               |        |        |
| Communication            | Wi-Fi & Ethernet & 4G  | Yes                                                                                                                                                                                                    |        |        |
|                          | OCPP                   | OCPP 1.6 Json                                                                                                                                                                                          |        |        |
| Electrical Parameter     | Efficiency             | Max 95.5%                                                                                                                                                                                              |        |        |
|                          | Power Factor           | ≥0.99@50%-100% Loading                                                                                                                                                                                 |        |        |
|                          | THD                    | ≤5%@100% Loading                                                                                                                                                                                       |        |        |
|                          | Ripple Factor          | ≤±1%                                                                                                                                                                                                   |        |        |
| Safety                   | RCD                    | Type A                                                                                                                                                                                                 |        |        |
|                          | Emergency Stop         | Yes                                                                                                                                                                                                    |        |        |
|                          | Ingress Protection     | IP54                                                                                                                                                                                                   |        |        |
|                          | Impact Protection      | IK10 (w / o Screen)                                                                                                                                                                                    |        |        |
|                          | Electrical Protection  | Overcurrent protection, Residual current protection,Short circuit protection, Surge protection,Over / Under voltage protection, Over / Under frequency protection, Over / Under temperature protection |        |        |
|                          | Certification          | CE / CB                                                                                                                                                                                                |        |        |
|                          | Certification Standard | EN IEC 61851-1:2019 IEC 61851-1:2017 IEC 61851-21-2:2012 EN 61851-23:2014 EN 61851-24:2014                                                                                                             |        |        |
| Working Environment      | Cooling Method         | Fan Cooling                                                                                                                                                                                            |        |        |
|                          | Operating Temperature  | -30°C to +50°C                                                                                                                                                                                         |        |        |
|                          | Operating Humidity     | 5%-95%                                                                                                                                                                                                 |        |        |
|                          | Operating Altitude     | <2000 m                                                                                                                                                                                                |        |        |
| Package                  | Product Dimension      | Charger: 800 x 750 x 2000 mm (W x D x H)<br>Cable Management: 1060 x 804 x 222 mm (W x D x H)                                                                                                          |        |        |
|                          | Package Dimension      | Charger: 960 x 908 x 2200 mm (L x W x H)<br>Cable Management: 1320 x 480 x 390 mm (L x W x H)                                                                                                          |        |        |
|                          | Net Weight             | 481 kg                                                                                                                                                                                                 | 445 kg | 417 kg |
|                          | Gross Weight           | 525 kg                                                                                                                                                                                                 | 489 kg | 461 kg |
|                          | External Package       | Wood Case                                                                                                                                                                                              |        |        |