

DW Series



30kW Wall Mount DC Fast Charger




For information on the optional charging pedestal, please refer to the accessory section.

Applications

- Parking Garages
- Commercial Fleet Operators
- EV Infrastructure Operators and Service Providers
- EV Dealer Workshops

Features

- Multi-Standard: CCS and CHAdeMO
- Network or Standalone Operation
- User Authentication
- Supports Smart Charging and Load Balancing
- Efficiency > 94%
- PF > 0.99 (APFC)
- Customization Available
- 7-inch LCD Screen with User Friendly Interface
- IK10 (Not including screen and RFID module), IP55 , NEMA 3R
- OCPP 1.6 JSON (Upgradeable to 2.0)

| Model Name | | DW30 Series |
|------------------------------|----------------------|---|
| Safety (Not including GB) | | NRTL – cETLus (USA/Canada) |
| Picture | |  |
| Power Specification | | |
| AC Input | Input Rating | 3 Φ _480Vac (+10%, -15%) |
| | AC Input Connection | 3P+N+PE (Wye configuration), TN/TT |
| | Max. Input Current | 3 Φ 40A |
| | Frequency | 50Hz/60Hz |
| | Power Factor | >0.99 |
| | Efficiency | >94%, at Optimize V/I Point |
| DC Output | Output Voltage Range | CHAdEMO: 150~500Vdc/CCS: 150~950Vdc |
| | Max. Output Current | CHAdEMO/CCS: 60A@500Vdc |
| | Max. Output Power | DC 30kW |
| | Voltage Accuracy | \pm 2% |
| | Current Accuracy | \pm 2% |
| User Interface & Control | | |
| Display | | 7" LCD |
| Push Buttons | | Operation Buttons / Emergency Stop Button |
| User Authentication | | RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System |
| Communication | | |
| External | | Ethernet, Wi-Fi & 4G |
| Internal | | CAN bus/RS485 |
| Environmental | | |
| Operating Temperature | | -30°C ~ 50°C (-22°F ~ +122°F) |
| Humidity | | 5%~95% RH, Non-Condensing |
| Altitude | | \leq 2000m (6562ft) |
| IP/IK Level | | NEMA 3R IK10 (not including screen & RFID module) |
| Cooling Method | | Fan Cooling |
| Mechanical | | |
| Cabinet Dimension(W x D x H) | | 610mm x 230mm x 690mm (24.01in x 9.06in x 27.17in) \pm 1% |
| Weight | | Single plug: \leq 80kg (176lbs) \pm 1%/Dual plugs: \leq 88kg (194lbs) \pm 1% |
| Cable Length | | 4m (13ft) |
| Protection | | |
| Input Protection | | OVP, OPP, OTP, UVP, SPD |
| Output Protection | | SCP, OCP, OVP, LVP, OTP, IMD |
| Regulation | | |
| Certification | | UL 2202, UL2231, EnergyStar™ |
| Charging Interface | | CHAdEMO V1.2, DIN 70121, ISO15118 |