



EVB-DC-PS60

EV Charger

DC Fast Charger

EVBOLT


DC FAST CHARGER

FEATURES

- Simultaneous DC Charging
- Multi-standard: CCS & CHAdeMO
- Network or standalone operation
- User authentication
- Optional cable management accessories
- Supports smart charging and load balancing
- Efficiency > 94%; PF > 0.99(APFC)
- 7-inch LCD screen with user friendly interface
- OCPP 1.6 JSON (Upgradable to 2.0 OTA)
- NEMA 3R
- Customization available



EVB-DC-PS60

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|---------------|--|
| Model Name | EVB-DC-PS60 |
| Safety | NRTL – cETLus (USA/Canada) |
| Product Photo |  |

Power Specification

| | | |
|------------------|----------------------|---------------------------------------|
| AC Input | Input Rating | Three Phase_480Vac (+10%, -15%) |
| | AC Input Connection | 3P+N+PE (Wye configuration), TN/TT |
| | Max. Input Current | DC System Three Phase 100A |
| | Frequency | 50Hz/60Hz |
| | Power Factor | >0.99 |
| | Efficiency | >94%,at optimize V/I point |
| DC Output | Output Voltage Range | CCS1:150~950Vdc CHAdeMO:150~500Vdc |
| | Max. Output Current | CHAdeMO/CCS1:120A@500Vdc |
| | Max. Output Power | DC System:60kW |
| | Voltage Accuracy | ±2% |
| Current Accuracy | ±2% | |

User Interface & Control

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|---------------------|--|
| Display | 7" LCD |
| Push Buttons | Operation buttons/ Emergency stop button |
| User Authentication | RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile payment |
| Meter | AC/DC Meter (2022) |

Communication

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|----------|-----------------------|
| External | Ethernet,Wi-Fi,and 4G |
| Internal | CAN bus/RS485 |

Environmental

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|-----------------------|--|
| Operating Temperature | -30°C~50°C, will derating from 50°C and above |
| Humidity | 5%~95% RH, non-condensing |
| Altitude | ≤ 2000m |
| IP/IK Level | • NEMA 3R • IK10 (not including screen and RFID module) |
| Cooling Method | Fan cooling |

Mechanical

| | |
|------------------------------|--|
| Cabinet Dimension(W x D x H) | 700 x 331 x 1800 mm±1% |
| Weight | ≤ 235kg±1% |
| Cable Length | 4m |
| Cable Management | Optional Cable Management (Not included) |

Protection

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|-------------------|------------------------------|
| Input Protection | OVP, OCP, OPP, OTP, UVP, SPD |
| Output Protection | OCP, SCP, OVP, LVP, OTP, IMD |

Regulation

| | |
|--------------------|---|
| Certificate | UL 2202, UL2231 |
| Charging Interface | CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930 |