

PEVC3108E (120kW - 240kW)

Ultra Fast DC Charger

PEVC3108E series is up to 240kW output with CE and TUV certifications.



- Multi-standard: CCS1, CCS2
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%, Power Factor ≥ 0.98
- Multiple protection to ensure users' safety
- 7 inches color touchscreen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54, for indoor and outdoor applications
- Customization available

Applications

- EV bus station
- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops



Power Specifications

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|---------------------|-----------------------|
| Input Connection | 3-Phase : 3P+N+PE |
| Input Voltage | 400Vac \pm 10% |
| Frequency | 50Hz or 60Hz |
| THDi | \leq 5% |
| Power Factor | \geq 0.98 |
| Output Voltage | 150Vdc - 1000Vdc |
| Max. Output Current | 200A (250A Optional) |
| Rated Power | 120kW |

User Interface & Control

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|------------------------------|--|
| LCD Display | 7" Color Touch Screen |
| User Authentication | RFID(ISO/IEC 14443)(APP/ Credit Card Customization) |
| LED Indicator | Green/Blue/Red |
| Charger Connector | CCS2 (CCS1 / CHAdeMO Optional) |
| Number of Charging Interface | 2 |
| Energy Measuring | DC meter, with 1% accuracy |

Communication

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|-------------------|----------------------------------|
| Backend | Ethernet (4G Optional) |
| Charging Protocol | ISO 15118 , DIN 70121 |
| Backend Protocol | OCPP 1.6 J (OCPP2.x Coming soon) |

Protection

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|-------------------------|---|
| Residual Current Device | Yes |
| Internal Fuse | Yes |
| Electrical Protection | Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection, Lightning Protection, Ground Fault, Surge Protection |

Environmental

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|-----------------------|-------------------------------------|
| Operating Temperature | -30 $^{\circ}$ C - +50 $^{\circ}$ C |
| Storage Temperature | -40 $^{\circ}$ C - +75 $^{\circ}$ C |
| Operating Humidity | Max. 93% RH, Non-Condensing |
| Operating Altitude | \leq 2000m |
| IP, IK Level | IP54, IK10 |
| Cooling Method | Fan Cooling |

Mechanical

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|-----------------------|-------------------------------|
| Product Dimension | 750mm*750mm*1900mm(W*D*H) |
| Package Dimension | 1000mm*920mm*2050mm(W*D*H) |
| Charging Cable Length | 5m (Customizable) |
| Weight | 411kg(Net) / 428kg(Gross) |
| Mounting | Free Standing |

Certifications

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|-------------|---|
| Certificate | IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24 |
| Safety | TUV, CE, CB |

