# AEU320

## ◆ Main Features

150-1000Vdc wide output voltage range.
Flexible configuration, CCS2 and GBT optional.
User friendly Cable Management System (Optional) for easier operation.
ADA compliance.
Connect to any backend based on OCPP 1.6J protocol.
Equipped with payment terminal (Optional).
Dynamic load management.



## ◆ Specifications

| | | | |
|---|---|---|---|
| **General Information** | | | |
| **Model** | AEU320-320* | AEU320-280* | AEU320-240* |
| **Input Rating** | 400Vac±15%, 3-phase, 50/60Hz, L1+L2+L3+N+PE | | |
| **Input Current Rating** | AC 489A | AC 428A | AC 366A |
| **Power Factor** | ≥0.99 @ Full Load | | |
| **Peak Efficiency** | 97% | | |
| **Grid Type** | TN-S, TN-C-S, TT | | |
| **Output Interface** | CCS2+CCS2 or CCS2+GBT | | |
| **Output Power** | 320kW max. /connector<br>320kW max. in total | 280kW max. /connector<br>280kW max. in total | 240kW max. /connector<br>240kW max. in total |
| **Output Voltage** | 150-1000Vdc | | |
| **Output Current** | A: DC 400A rated/500A boost@10min<br>B: DC 400A rated/500A boost@10min | | |
| **User Interface** | | | |
| **Display** | 7-inch touch screen | | |
| **Support Language** | English (Other languages available upon request) | | |
| **Button and Switch** | Emergency button | | |
| **User Authentication** | RFID card, App , Credit card (optional) | | |
| **RFID Reader** | ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693 | | |
| **Communication** | | | |
| **Network Interface** | 4G, Wi-Fi, Ethernet | | |
| **Protocol (EVSE&Backend)** | OCPP 1.6J(OCPP2.0 could be updated in the future) | | |
| **Protocol (EVSE&EV)** | DIN70121, ISO 15118 | | |
| **Environmental** | | | |
| **Operating Temperature** | -30℃ ~ +55℃ (derating over 50℃) | | |
| **Storage Temperature** | -40℃ ~ +70℃ | | |
| **Humidity** | 5% ~ 95% no condensation | | |
| **Altitude** | ≤2000m | | |
| **Mechanical** | | | |
| **IP Rating** | IP55 | | |
| **IK Rating** | IK10(Screen is IK08) | | |
| **Cooling** | Forced Air | | |
| **Charging Cable Length** | 5m(standard) or 8m(optional) | | |
| **Operating Range with Cable Management System** | 5m cable @ approx. 3m operating range (cable will not touch ground)<br>8m cable @ approx. 6m operating range (1.3m cable will be on ground) | | |
| **Dimensions (WxHxD)** | 800*1850*700mm (without connector holder and cable management system) | | |
| **Weight** | Approx. 480kg | Approx. 463kg | Approx. 446kg |
| **Installation** | Ground mounting | | |
| **Certification and standards** | | | |
| **Standards and compliance** | IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU | | |
| **Certification** | CE-RED, CB | | |