AEU160

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	AEU160-160*	AEU160-120*	AEU160-80*
Input Rating	400Vac±15%, 3-phase, 50/60Hz, L1+L2+L3+N+PE		
Input Current Rating	AC 245A	AC 184A	AC 122A
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	160kW max. /connector 160kW max. in total	120kW max. /connector 120kW max. in total	80kW max. /connector 80kW max. in total
Output Voltage	150-1000Vdc		
Output Current	A: DC 250A rated/300A boost@10min B: DC 250A rated/300A 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) 8m cable @ approx. 6m operating range (1.3m cable will be on ground)		
Dimensions (WxHxD)	800*1700*500mm (without connector holder and cable management system)		
Weight	Approx. 310kg	Approx. 293kg	Approx. 276kg
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		