



AmpForce Starshine (ETL)

- ▶ OCPP 1.6J for back end system integration
- ▶ APP, RFID card, credit card, plug & charge
- ▶ Remote management by built-in network connectivity
- ▶ NEMA 3R and IK10 rated
- ▶ Wall or pedestal mount
- ▶ Cellular, Ethernet, and Wi-Fi for communication
- ▶ Over the air updates(OTA)
- ▶ Dynamic load balancing
- ▶ 7-inch color touchscreen
- ▶ CCS1 and NACS connectors
- ▶ ETL certification



Highway Service Station



Parking



Service Station



Commercial Building



Fleet

Model	RCD2040A-2-B	RCD2060A-2-B
Power Output Specification		
Maximum Output Power	40kW	60kW
Output Voltage	DC200~1000V	DC150~1000V
Output Current Range	0-125A	0-200A
Connector Type	CCS1, NACS	
Power Measurement Accuracy	DC meter measurement (level 1.0)	
Power Input Specification		
Input Voltage	AC480Y/277V±15%(3P+N+PE)	
Input Current	0-49A	0-73A
Frequency	45~65Hz	
Standby Power	< 100W	
Power factor	≥0.99 (full load)	
Efficiency	> 94%	
Current THD	≤5%	
User Interface Specification		
Status Indication	LED/APP/Touch Screen (7 Inch LCD)	
User Authentication	APP, RFID Card, Plug and charge, QR code	
User Interface	Charging app available	
Payment	QR code, Contactless/Magnetic/EMV Credit Card	
Network Specification		
Connectivity	Wi-Fi, Ethernet, 4G, CAN, RS485	
Communication Protocols	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)	
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled	
Load Management	Smart, dynamic allocation and distribution of power to DC chargers	
Operational Specification		
Dimensions(H×W×D)	43.3*27.6*7.9* inch (1100*700*200mm)	
Weight	203lbs (92 kg)	223lbs (101 kg)
Enclosure Rating	NEMA 3R,IK10	
Charging Cable Length	25ft(7.5m)	
Mounting Type	Wall or Pedestal mount	
Operating Temperature	-22°F to 122°F (-30°C to 50°C)	
Storage Temperature	-40°F to 185°F (-40°C to 85°C)	
Relative Humidity	5% to 95%	
Altitude	≤6560 f (t≤2000m)	
Cooling Method	Intelligent air cooling	
Noise	≤65dB	
Protection Specification		
RCD	A+6(30 mA AC+6 mA DC)	
Electrical Protection	Undervoltage protection, overvoltage protection, overload protection, leakage protection, lightning protection, short circuit protection, overtemperature protection, grounding protection, emergency stop protection, access control protection	
Other Protections	Moisture-proof, mildew-proof, salt spray-proof	
Regulation Specification		
Standards	UL 2202-2022、UL 2231	
Certification	ETL,FCC	





AmpForce Flare (ETL)

- ▶ OCPP 1.6J for back end system integration
- ▶ APP, RFID card, credit card, plug & charge
- ▶ Remote management by built-in network connectivity
- ▶ NEMA 3R and IK10 rated
- ▶ Wall or pedestal mount
- ▶ Cellular, Ethernet, and Wi-Fi for communication
- ▶ Over the air updates(OTA)
- ▶ Dynamic load balancing
- ▶ 10.1-inch color touchscreen
- ▶ CCS1 and NACS connectors
- ▶ ETL certification



Highway Service Station



Parking



Service Station



Commercial Building



Fleet

Model	RCD2040A-2-B	RCD2060A-2-B
Power Output Specification		
Maximum Output Power	40kW	60kW
Output Voltage	DC200~1000V	DC150~1000V
Output Current Range	0-125A	0-200A
Connector Type	CCS1, NACS Cable	
Power Measurement Accuracy	DC meter measurement (level 1.0)	
Power Input Specification		
Input Voltage	AC480Y/277V±15%(3P+PE)	
Input Current	0-49A	0-73A
Frequency	45~65Hz	
Standby Power	< 100W	
Power factor	≥0.99 (full load)	
Efficiency	> 94%	
Current THD	≤5%	
User Interface Specification		
Status Indication	LED/APP/Touch Screen (10.1 Inch LCD), 4 operation buttons	
User Authentication	APP, RFID Card, Plug and charge, QR code	
User Interface	Charging app available	
Payment	QR code,Contactless/Magnetic/EMV Credit Card	
Network Specification		
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G, CAN, RS485	
Communication Protocols	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)	
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled	
Load Management	Smart, dynamic allocation and distribution of power to DC chargers	
Operational Specification		
Dimensions(H×W×D)	43.3*31.5*11.1 inch(1100*800*280mm)	
Weight	≤200kg	
Enclosure Rating	NEMA3R,IK10	
Charging Cable Length	25ft(7.5m)	
Mounting Type	Wall or Pedestal mount	
Operating Temperature	-22°F to 122°F (-30°C to 50°C)	
Storage Temperature	-40°F to 185°F (-40°C to 85°C)	
Relative Humidity	5% to 95%	
Altitude	≤6560 ft (≤2000m)	
Cooling Method	Fan cooling	
Noise	≤65dB	
Protection Specification		
RCD	A+6(30 mA AC+6 mA DC)	
Electrical Protection	Undervoltage protection, overvoltage protection, overload protection, leakage protection, lightning protection, short circuit protection, overtemperature protection, grounding protection, emergency stop protection, access control protection	
Other Protections	Moisture-proof, mildew-proof, salt spray-proof	
Regulation Specification		
Standards	UL 2202-2022、UL 2231、FCC Part 15B、ISO 15118-1、DIN-70121,ISO 15118	
Certification	ETL,FCC,Energy star,CTEP	





240-120kW Dual-Port DC Charger

- ▶ OCPP 1.6J / 2.0.1 for back end system integration
- ▶ APP, RFID card, credit card, plug & charge
- ▶ 15.6-inch color touchscreen display
- ▶ Dynamic load balancing
- ▶ ISO 15118 plug & charge
- ▶ IP55 and IK10 rated
- ▶ Maintenance via Bluetooth app
- ▶ EMS API expansion capability
- ▶ Operating temperature down to -40C
- ▶ CCS1 and NACS connectors
- ▶ ETL certification



Highway Service
Station



Parking



Service
Station



Commercial
Building



Fleet

Model	R-EVC/D240/SN22/G	R-EVC/D180/SN22/G	R-EVC/D120/SN22/G
Power Output Specification			
Maximum Output Power	240kW(30kW*8)	180kW(30kW*6)	120kW(30kW*4)
Output Voltage	DC150~1000V		
Output Current Range	DC0-300A		
Connector Type	CCS1/NACS		
Power Measurement Accuracy	DC meter measurement (level 1.0)		
Power Input Specification			
Input Voltage	AC480Y/277V±15%(3P+PE/3P+N+PE)		
Input Current	289A	217A	145A
Frequency	60Hz		
Standby Power	<0.05%		
Power factor	≥0.99APFC (Half load above)		
Efficiency	>95% at full charge		
Current THD	≤5%		
User Interface Specification			
Status Indication	LED,APP, Screen (15.6Inch LCD),4 Operation buttons		
User Authentication	RFID,APP, QR code, Plug and Charge		
User Interface	Charging app available		
Payment	QR code,Contactless/Magnetic/EMV Credit Card		
Network Specification			
Connectivity	PLC,Bluetooth, WiFi, Ethernet, 4G, CAN, RS485		
Communication Protocols	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)		
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled		
Load Management	Smart, dynamic allocation and distribution of power to DC chargers		
Operational Specification			
Dimensions(H×W×D)	85.24*35.43*39.37 inch (2165*900*1000mm)		
Weight	≤1322.77 lbs (≤600 kg)		
Enclosure Rating	IP55,IK10		
Charging Cable Length	23ft,33ft (optional) (7m,10m)		
Mounting Type	floor type		
Operating Temperature	-40°F to 149°F,Derating begins above 131°F (-40°C to 65°C,Derating begins above 55°C)		
Storage Temperature	-40°F to 158°F (-40°C to 70°C)		
Relative Humidity	5% to 95%		
Altitude	≤6560 ft (≤2000m)		
Cooling Method	Fan cooling		
Noise	≤65dB		
Protection Specification			
RCD	A+6(30 mA AC+6 mA DC)		
Electrical Protection	Undervoltage protection, overvoltage protection, overload protection, leakage protection, lightning protection, short circuit protection, overtemperature protection, grounding protection, emergency stop protection, access control protection		
Other Protections	Moisture-proof, mildew-proof, salt spray-proof		
Regulation Specification			
Standards	UL 2594, UL 2231-1/-2,ISO 15118,CTEP,FCC Part 15 Subpart B,ICES-003		
Certification	ETL,CTEP,Energy Star,FCC		

