



UNI AIR 180 / 240 kW DC CHARGER

Integrated Build • Maximum Value.



High Compatibility

Supports a wide DC output voltage range, ensuring compatibility with most EV models and future high-voltage platforms.



Modular Scalability

Modular power architecture allows flexible configuration and easy power scaling to meet different deployment requirements.



Smart Connectivity

Supports OCPP protocol with remote monitoring, system management, and OTA updates for efficient charger operation.



High-Power Charging

Supports up to 240kW DC fast charging, delivering rapid energy replenishment for EVs and enabling high-throughput charging stations.



Deployment Efficiency

Hot-swappable modules and an integrated design reduce downtime and simplify installation and maintenance.



Specification			
Output power	180kW	240kW	
Input Characteristic	Input voltage	400 VAC +/- 10%	
	Input frequency	50 / 60 Hz	
	Input type	3P + N + PE	
	Max Input current	335A	444A
	Power factor	0.99	
	THDi	<5%	
	Grounding type	TN-S, TT	
Output Characteristic	Connector options	CCS1 + CCS1, CCS2 + CCS2, CCS1 + CCS2	
	Output voltage	200-1000 Vdc, 300~1000V is the output voltage of constant power output.	
	Maximum output current	CCS1: 300A, CCS2: 350A	
	Rated power	180kW	240kW
	Peak efficiency	96%	
Environment	Operational altitude	<2000 m	
	Operating temperature	-25 °C to +65 °C	
	Temperature derating	Up to 50 °C: 100% output power 50-65 °C interval: Linear power limit 65 °C or more: Module shutdown protection	
	Storage temperature range	-30 °C to +70 °C	
	Humidity	5 % ~ 95 % Rh non-condensing	
	IP and IK rating	IP55/ IK10	
Structure	Dimensions	W850mm*D750mm*H2000mm	
	Weight	≤500 kg	
	Enclosure material	Stainless steel	
	Cable length	5m or 7m	
Components	Screen	15" HD touchscreen	
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC	
	Emergency button	Yes	
Others	Communication interface	4G / LAN Port	
	Language	English / Chinese (Support customizing other languages)	
	Communication protocol	OCPP1.6J	
	Cooling method	Air cooled	
	Payment method	RFID / APP (Mobile phone / Visa / Master is optional)	
	EMC	Class A (industrial)	
	Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection	
	Optional functions	Cable management, tilt detection, flood detection, smoke detection, heater	
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.	
	Certifications	VPC, CE, TÜV, RCM, UKCA	