



UNI Series AC CHARGER

Slim · Smart · Powerful



Perfect compatibility

Proprietary technology ensures stable charging with high power density, EMC resistance, and full EV compatibility.



Stable & Safe Charging Process

The UL94-V0 housing provides complete protection against leakage, voltage fluctuations, overload, short circuits, temperature extremes, and lightning.



Environmental Durability

Rated at IP55 and IK08. Operates from -40°C to 50°C at up to 95% humidity, and resists heat, cold, salt mist, and high altitudes.



Smart Interaction

Features a 7-inch touchscreen with smart HMI, ambient light sensing, and license plate recognition for efficient, intuitive operation.

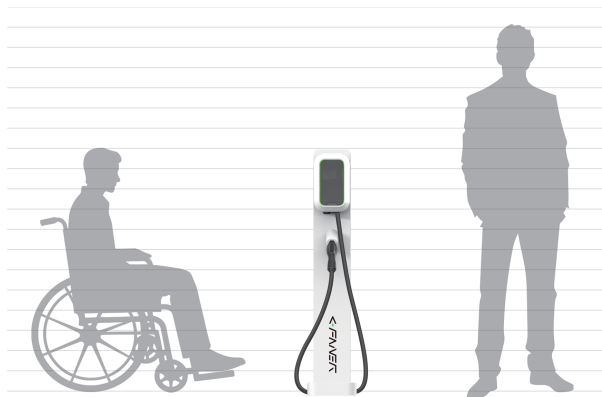
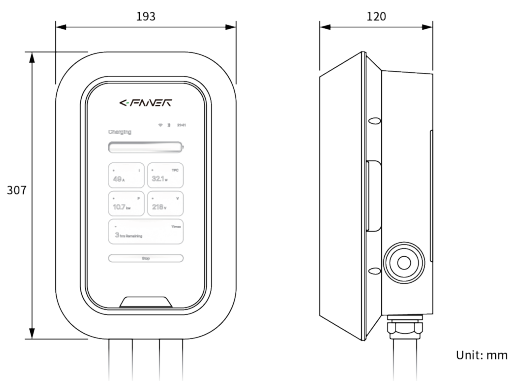


Stable & Safe Charging Process

Includes a 3-year warranty, liability coverage, and full-service installation by certified professionals.



Model	EA (Residential)	LITE (Commercial Basic)	PLUS (Commercial Plus)	PRO (Commercial Elite)
AC Input				
Frequency & Power Factor	60 Hz, >0.99			
Voltage & Current	AC 200-240 Vac, 32-50 A			
Total harmonic current	<5% (rated input)			
AC Output				
Voltage accuracy	<±0.5%			
Voltage & Current	AC 200-240 Vac, 32-50 A			
Output power	7-12 kW; max system efficiency >95% (rated input and output)			
Working Environment				
Ambient temperature	-40~ +50 °C, full power output below 45 °C, power derating 5%/°C above 45 °C			
Storage temperature	-40 ~ +75 °C			
Altitude	3,000 m; working humidity 0~95%			
Certification				
Certification	CNC 15511 (VPC), FCC, UL2594/UL2231/UL991			
Protection Class	IP55 / IK10 Enclosure / IK08 Screen / UL94-5VA Flame Retardant			
Function and Interface				
HMI	Tempered glass protective 7” TEF Touch Screen LCD (UNI Lite is 2.8”)			
Communication Mode	-	RJ45		RJ45, 4G LTE, Wifi, Bluetooth
Charging Mode	RFID, Plug&Charge		RFID, Plug&Charge, QR Code	RFID, Plug&Charge, QR Code, License Plate Recognition
Smart Function	-	-	OTA update: Embedded EMS、Intelligent power consumption safety detection	
LED Status	Stand by, Ready, Charging, Fault, Alert			
Buttons/Switches	Emergency button			
Configuration				
Communication Protocol	OCPP 1.6J			
Charging Connector	Type 1 and Type 2; 5m and 7m cable length			
Installation Options	Optional pedestal or wall-mount			
Dimensions (W*H*D)	W193*H307*D120 mm (with stand: 262*1320*283 mm)			
Weight (Kg)	8Kg (with charging connector)			
Protective Mechanism				
Protection Items	Current overload protection, short circuit protection, over/under voltage protection. Leakage protection, ground protection, lightning protection, relay sticking protection, overtemperature protection.			
Automatic Recovery	Automatic recharging after overvoltage, undervoltage , overcurrent, and overtemperature protection recovery.			



*Product liability insurance coverage, a 3-year warranty, professional electricians and contractors available for comprehensive installation services.