

# PRODUCT CATALOGUE

←FNVER

KEEP FORGING AHEAD  
LIKE STAR SHIFTING WITH BOUNDLESS ENERGY



← New Benchmark For Energy.

## ABOUT E-FANER

E-FANER Tech Co., Ltd. possesses expertise in new energy and smart control technologies. The new energy products from major automobile manufacturers in the current market are all developed by our core team. We have a highly experienced and capable research and development team in the charging pile field, making us one of the few companies in the country capable of integrating key charging pile technologies with peripheral applications and creating a perfect customer user experience.



### ***Company Philosophy***

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#### ***Technology***

Pursuing excellence in professional expertise and continuously innovating.



#### ***Quality***

Exacting quality inspection.



#### ***Experience***

Striving to provide customers with a perfect product experience and service.



#### ***Integration***

Forming alliances with related industries and building an ecosystem.

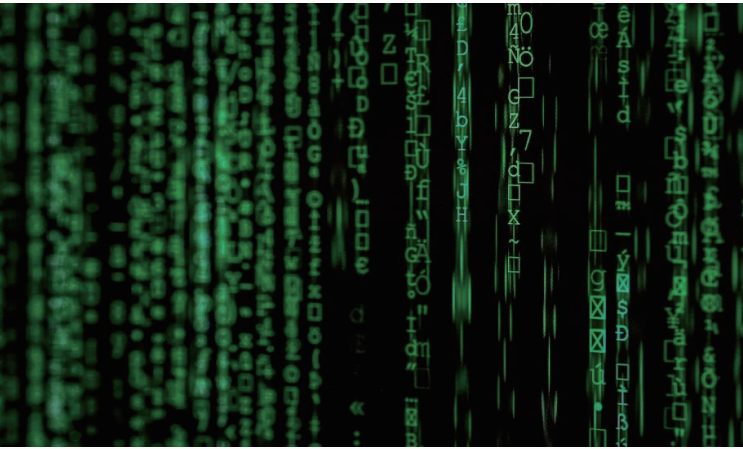
# UNI AC CHARGER *Type1 / Type 2 / NACS*

11kW



***Sleek and compact design, yet powerful in functionality.***

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- 01** Unique body structure for easy and quick installation, suitable for various occasions.
  - 02** Equipped with a 7-inch touchscreen for convenient operation.
  - 03** Body breathing light for easy status indication.
  - 04** Plug and play, no waiting required after binding, for easy convenience.
  - 05** Built-in camera for license plate recognition, supporting plug-and-play detection.



### **AI Smart Scheduling Management System**

Embedded intelligent optimization management system, simulating AI smart algorithms, calculates charging efficiency, peak and off-peak electricity prices, can be optimized with one click, no need to worry.



### **Perfect Electric Vehicle Compatibility**

Master exclusive software and hardware technology, ensuring stable charging without worrying about vehicle compatibility, signal interference, surrounding power interference, etc.



### **Environmental Durability**

1. The housing and screen achieve IK08 protection level.
2. IP55 dustproof and waterproof design, suitable for various scenarios.
3. Can withstand -40 to 50 degrees Celsius indoor and outdoor environments, 95% non-condensing humidity, not afraid of high-temperature humidity, cold and salt mist, suitable for harsh environments such as extreme cold, exposure, and high altitude.



### **Stable and Safe Charging Process**

Complete protection mechanism ensures personal safety : leakage protection, over/under-voltage protection, current overload protection, short circuit protection, over-temperature protection, lightning protection; structure complies with UL 94V0 flame-retardant material.



# Product Spec Introduction



Electrical Specification		
AC Input	Voltage	200-240Vac
	Frequency	60Hz
	MAX current	50A
AC Output	Voltage	200-240Vac
	MAX current	50A
	MAX power	12kW
Appearance		
Dimensions(W*H*D)	193×307×120mm	
Weight (kg)	8KG (with charging connector)	
Configuration		
Charging connector	SAE J1772 、 NACS	
	5M or 7M	
Advanced Feature		
Start identification	Manual activation, plug-and-charge, QR Code, RFID, Bluetooth, license plate recognition (advanced version).	
AI smart function	Embedded EMS (advanced version), Intelligent power consumption safety detection (advanced version)	
Certification		
Certification in progress	CNS 15511、 IEC 61851 UL2594 / UL2231 / UL991	
User Interface		
LED status	Standby, Ready, Charging, Fault, Alert	
Screen	7-inch full-color LCD	
Buttons/Switches	Emergency button	
Communication		
Communication mode	RJ45、 4G、 Wifi、 Bluetooth	
Communication protocol	OCPP 1.6J	
Protective Mechanism		
Protection items	Over/under-voltage protection, current overload protection, short circuit protection, leakage protection, ground protection, lightning protection, relay sticking protection, over-temperature protection.	
Automatic recovery	Automatic recharging after overvoltage, undervoltage, overcurrent, and overtemperature protection recovery.	
Operative Condition		
Ambient temperature	-40° C ~ +50° C	
Storage temperature	-40° C ~ +70° C	
Operating humidity	5%~95% (Non-condensing environment)	
Dust and waterproof rating	IP55 (TYPE3)	
Vandal-proof rating	IK08	
Altitude	2000m	

# UNI-FLY DC FAST CHARGER CCS1 / CCS 2 / NACS

**60kW**



## ***Ultra-thin design yet sturdy and durable.***

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- 01** Slim body design, not afraid of occupying parking space.
  - 02** Impact resistance rating IK10, sturdy and reliable.
  - 03** Internal electrical isolation design for modules, ultra-safe.
  - 04** Multiple charging modes, easy switching.
  - 05** Power can transfer between the two charging cables and also can output at the same time for the two charging cables.
  - 06** Support for OCPP communication protocol.
  - 07** LAN and optional LTE wireless support, OTA support, RFID, authorization and Mobile App payment support.



### ***IP55 dust and waterproof rating.***

Featuring high protection and reliability, suitable for public/private charging stations, meeting the charging needs of conventional vehicles.

### ***EMC certified by authoritative organizations.***

EMC Class B, TUV, CE certification.

### ***Compatible with various vehicle types, featuring dual charging gun lines for flexible charging.***

Supports OCPP 1.6 communication protocol, with single-connector and dual-connector charging modes.

### ***LCD with multiple charging modes***

Tempered glass protective 7" TFT Touch Screen LCD, Supports multiple mode settings: automatic charging, time-based mode, amount-based mode, power-based mode, SOC battery status mode.

### ***Precision energy meter***

Internal high precision AC energy meter and DC energy meter.

### ***Gun line rack and status light***

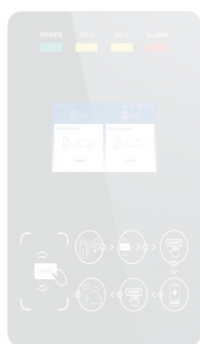
A lamp positioning design on pedestal helps a quick identification and the pedestal cable re-tractors help realizing good cable management.



# Product Spec Introduction

Electrical Specification		
AC Input	Voltage	3-phases+N+PE 380Vac ±15%
	Frequency	45-65Hz
	Power Factor	>0.99
DC Output	Voltage	150-1000V
	MAX current	60A/1000V, 80A/750V 120A/500V, 200A/300V
	MAX power	60kW
Appearance		
Dimensions(W*H*D)	1100*705*240 mm (wall mounting model) 2127*950*392 mm (pedestal model)	
Weight (kg)	150kg(including the power modules and with connector configuration)	
Configuration		
Charger module configuration	2 charger power module slots, REG1K0100G2 1000V 30kW	
Charging connector configuration	CCS1, NACS (optional), CCS2 (optional)	
	5M or 7M	
Charging connector capacity	200A/1000V for 2 connector	
Optional Pedestal	Pedestal with two cable re-tractors and the charging status RGB light	
Certification		
Certification in progress	CNS 15511(VPC)	
User Interface		
LED status	Standby, Ready, Charging, Fault, Alert	
Interface	Full-color LCD touchscreen, RF card reader, indicator lights	
Metering	DC energy meter Optional VDE and PTB certification type	
Charging Mode	Auto basis, Time basis, Amount basis, Energy basis, SOC basis	
Power Distribution Mode	Stand alone, Current switch, Plug switch, Full hold	
Communication		
Communication mode	LAN 10M/100M and optional inner LTE wireless modem support	
Communication protocol	OCPP 1.6J	
Charging Protection		
Charging Item	Overcurrent protection, Short circuit protection, Over voltage protection, Under voltage protection, Insulation monitoring, Protect Earth connect monitoring, Reverse polarity protection, Over temperature protection, RCD-A main protection and RCD-B for AC connector protection	
Working environment		
Ambient temperature	-20° C ~ +60° C, full power output below 50° C, Power derating 5%/ ° C above 50° C	
Storage temperature	-40° C ~ +75° C	
Operating humidity	0%~95% (Non-condensing environment)	
Protection Class	IP55/IK10	
Altitude	2000m	

← FNER





**UNI-AIR DC FAST CHARGER** CCS1 / CCS 2 / NACS

**180kW**



**COMING SOON**

**COMING SOON**

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