

UNI FLY DC CHARGER

Slim Form · Solid Power



Ultra-Slim Design

Wall-mounted with dual 30kW modules housed in a 240mm body—one third the size of standard 60kW units. Optional stand and cable reel available.



Adaptive Noise Control

Noise is controlled down to 58dB with an output range of 24–30kW, optimized for quiet environments without sacrificing performance.



Smart Power Output

VPC certified; supports CCS1/CCS2 with dual DC meters and provides 30–60kW single or dual-gun output for flexible deployment.



Versatile Site Integration

EMC Class A and TÜV certified, ensuring stability and compliance for residential, commercial, and light industrial applications.



Durable & Weatherproof

IP55 and IK10 rated with an anti-theft design, providing robust protection for public and private EV charging stations.



Specification

AC Input		DC Output	
Frequency & Current	45~65Hz , 97A	Output power	60kW
Voltage	3-phases+N+PE , 260Vac~530Vac	Voltage/accuracy	DC 150V-1000V , $\pm 0.5\%$
Power Factor	>0.99	Current	60A/1000V~80A/750V~120A/500V~200A/300V
Total harmonic current	<5% (Rated input)	Max system efficiency	>95% (Rated input and output)

Working environment

Ambient temperature	-20 ~ +60°C full power output below 45°C, Power derating 5%/°C above 45°C ; Working humidity 0~95%		
Storage temperature	-40 ~ +75°C	Altitude	3000m

Certification

Certification	CNS 15511 (VPC)		
Protection Class	IP55/IK10		
CCS PLC/ EMC	DIN70121 and ISO15118 ; EN61000 6-3/EN61000 6-1 Class A		

Function and Interface

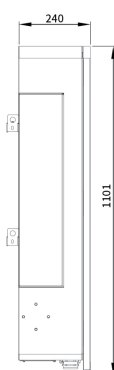
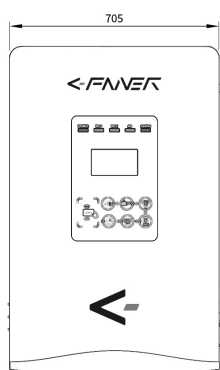
HMI	Tempered glass protective 7" TFT Touch Screen LCD, RFID, 4G, RGB panel LED		
Charging Mode	Auto basis, Time basis, Amount basis, Energy basis, SOC basis		
Power Distribution	Stand alone, Current switch, Plug switch, Full hold		
LED status	Stand by, Ready, Charging, Fault, Alert		

Configuration

DC Meter	Dual-circuit with three decimal point precision, featuring a $\pm 1\%$ margin of error		
Protocol	OCPP1.6J		
Router	Industrial-Grade 4G LTE Dual-SIM Router, LAN 10/100 Mbps, WAN 10/100 Mbps		
Charger module	2 charger power module slots, 30kW/1000V		
Charging connector	CCS1+CCS2 , 200A/1000V , 5M		
Optional Pedestal	Pedestal with two cable retractors and the light bar		
Dimensions (mm)	W705*H1100*D240 mm (With stand/retractors: 705*1534/2126*300 mm)		
Weight (Kg)	150Kg		

Protective Mechanism

Protection items	Overcurrent protection, Short circuit protection, Overvoltage protection, Undervoltage protection, Insulation monitoring, Protect Earth connect monitoring, Reverse polarity protection, Overtemperature protection, RCD B main protection
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*Product liability insurance coverage, a 3-year warranty, professional electricians and contractors available for comprehensive installation services.