



UNI SPACE
360 / 480 kW
DC CHARGER

Smart Power · Fast Charging

Ultra-High Power Output
Up to 480kW DC output with 500A liquid-cooled charging, delivering high-capacity charging in approximately 10 minutes.

Distributed Architecture
Centralized power modules with separated charging terminals for flexible, multi-vehicle charging.

Power Sharing
Dynamically allocates power based on vehicle SOC and demand, maximizing 480kW utilization.

Modular Scalability
24 × 20kW modules enable flexible capacity expansion beyond 480kW.

High Efficiency
SiC MOSFET and Vienna topology deliver up to 96.5% module efficiency and 96% system efficiency.

Expressway Service Area | Parking | Service Station | Charging Station

E-FANER Tech Co., Ltd.

Specifications

General	Enclosure material	Stainless steel
	IP and IK rating	IP55 / IK10
	Operational altitude	<2000 m
	Operating temperature	-25 °C ~ +50 °C (Full power)
	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 ~ +70 °C
	Humidity	5% ～ 95% Rh non-condensing
	EMC	Class A (industrial)
	Protection	Input over voltage protection; Output under voltage protection; Short circuit protection; Over current protection; Overtemperature protection; Current surge protection; Emergency stop protection, etc.
Power Bank	Input voltage	400VAC ±10%
	Input frequency	50 / 60 Hz
	Input type	3P + N + PE
	Dimensions	≤W1600mm*D1100mm*H2100mm
	Power factor	0.99
	Peak efficiency	≥96% (Full load)
	THDi	<5%
	Weight	≤900 kg
	Emergency button	Yes
	Grounding type	TN-S / TT
Dual-connector User Terminal	Connector options	CCS1 / CCS2
	Number of connectors	6 (at most)
	Output voltage	200 ～ 1000V
	Constant voltage range	300 ～ 1000V
	Rated & Maximum current per connector	CCS2 (air cooling): 200A / 350A CCS2 (liquid cooling): 500A (boost 600A)
	Cable length	5m / 7m (optional)
	Screen	15" HD touchscreen
	Dimensions	W450mm*D800mm*H2100mm
	Load sharing	Flexible load distribution according to user requirement
	Incremental unit for output power distribution	40kW
	Peak efficiency	96%
	Communication interface	4G / LAN Port
	Language	Chinese, English (Support customizing other languages)
	Communication protocol	OCPP 1.6J
	Cooling method	Air / liquid cooled
	Optional functions	Tilt detection, flood detection, smoke detection, heater, cable management
	Emergency button	Yes
Standards and Certifications	Standards	IEC 61851-1、IEC 61851-23、IEC 61851-21-2、ISO 15118
	Certifications	CE、TÜV、VPC

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