ZO POWER

PRODUCT DATASHEET

VERTEX 480kW



Charge. Advertise. Earn.

Delivering up to 480kW charging power while unlocking new revenue opportunities through integrated advertising displays.

ULTRA-HIGH POWER CHARGING

Add 200km range in just 5 minutes — ideal for a quick driver stop.

DUAL REVENUE STREAMS

Maximize site revenue streams — charge EVs and run ads.

SAFETY FIRST, ALWAYS

Multiple protections, and IP55-rated, -30°C to +55°C rated ensures reliable performance in any climate.

All Evs

One Charger, All Fleets — from passenger cars to high-voltage buses.

AVAILABLE MODELS

120 KW	240 KW	360 KW	400 KW	**480 KW**

IDEAL APPLICATIONS









- SHOPPING CENTERS
- OFFICE BUILDINGS
- PUBLIC CHARGING HUBS
- HIGHWAY SERVICE AREAS

GENERAL INFORMATION

Product Name	Vertex
Product Series	ZO-DC Series
Charging Standard	Dual CCS2
Power Output / Range	120 / 240 / 360 / 400 / 480 kW
Installation	Floor Standing

ELECTRICAL SPECIFICATION

Input Voltage	400Vac ±10%
Input Frequency	50/60Hz
Output Voltage	200–1000Vdc
Output Current (MAX)	375A per connector
Power Factor	≥0.99
Peak Efficiency	≥96%
Dynamic Power Sharing	Supported

UI & CONNECTIVITY

Display	10.1-inch Touchscreen + 21.5-inch Advertising Display
Communication Protocol	OCPP 1.6
Network Connectivity	4G / Ethernet
Remote Monitoring	Supported
OTA Updates	Supported
Language	English, Chinese, Japanese, Arabic
Payment	RFID, QR Code, Credit Card (Optional Pos Machine Required)

ENVIRONMENTAL CONDITIONS

Ingress Protection	IP55
Operating Temperature	-30°C to +55°C
Relative Humidity	5%–95%
Altitude	≤2000m
Cooling Method	Forced Air

SAFETY & PROTECTION

- Over/Under Voltage
- Short Circuit
- Over Current
- Reverse Polarity
- Over Temperature
- Surge Protection
- Leakage Current

DIMENSIONS



W* D* H : 800×800×1900mm

Optional cable management : 1000×800×2500mm

Charging Cable Assembly Length : 4.5 m

OPTIONAL FEATURES

- 21.5-inch Media Display
- Cable Management System
- Credit Card Payment Terminal(VPOS)
- Custom Branding
- Customized User Interface
- Cloud Platform

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