ZO POWER

PRODUCT DATASHEET

QUARK 40kW

Compatibility. Compact Size. Fast Installation.

Designed for commercial destinations where space, installation cost and charging performance matter.

< 2 HOURS INSTALLATION

Compact wall-mounted design supports single or dual power inputs and can be installed in less than two hours.

FULL CHARGE IN 1 HOUR

1 hour for a full charge – ideal for workplaces, restaurants, and shopping centers where predictable charging beats the rush.

Easy AC-TO-DC Retrofit

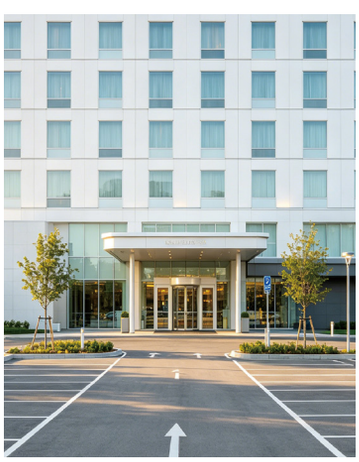
Seamless drop-in replacement for two 22kW AC chargers – just mount, connect, and go.

SMART O&M, OPEN BY DESIGN.

OCPP 1.6 | Custom server ready | Remote monitoring, diagnostics & OTA updates via 4G/Ethernet.

IDEAL APPLICATIONS









- SHOPPING CENTERS
- HOTELS
- RESTAURANTS
- PARKS

GENERAL INFORMATION

Product Name	Quark
Product Series	ZO-DC Series
Power Output / Range	40 kW
Charging Standard	Dual CCS2 / CCS2 + CHAdeMO
Installation	Wall-mounted or Pedestal-mounted

ELECTRICAL SPECIFICATIONS

Input Voltage	400VAC
Input Frequency	50/60Hz
Output Voltage	200–1000VDC
Output Current (MAX)	125A Max per DC Output
Power Factor	>0.99
Peak Efficiency	95.00%
Dynamic Power Sharing	supported

UI & CONNECTIVITY

Display	7-inch Touchscreen
Network Connectivity	4G, Ethernet, WiFi, Bluetooth
Communication Protocol	OCPP 1.6J
Remote Monitoring	supported
OTA Updates	Supported
Language	English, Chinese, Japanese, Arabic
Payment	RFID, QR Code

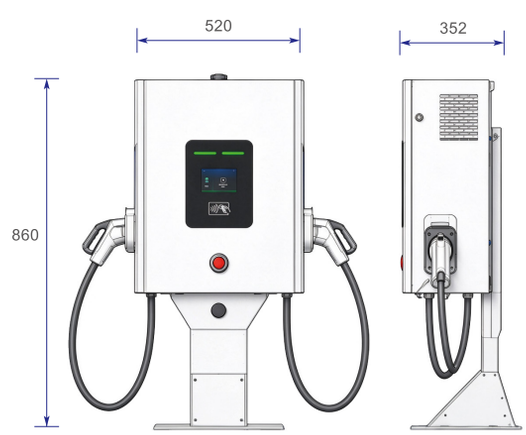
ENVIRONMENTAL CONDITIONS

Ingress Protection	IP55
Operating Temperature	-25°C to +50°C
Relative Humidity	10%–95%
Altitude	≤2000m
Cooling Method	Air-cooling

SAFETY & PROTECTION

- Input Fuses
- AC/DC Relays
- Overload and Short Circuit
- Over Temperature
- Reverse Polarity Protection
- Communication Failure

DIMENSIONS



W* D* H : 520 × 352 × 860 mm

Charging Cable Assembly Length : 5 m

OPTIONAL FEATURES

- Custom Branding
- Customized User Interface
- Cloud Platform