ZO POWER

PRODUCT DATASHEET

HERDO 1920kW

Modular Power.
Unlimited Expansion.

Designed for large-scale public charging hubs, commercial and transit fleet depots, ports and future-ready EV infrastructure.



MODULAR POWER SCALING

Expand from 320kW to 1920kW. Deploy only the power you need today and scale up as demand grows.

FLEXIBLE TERMINAL EXPANSION

Support large-scale charging hubs with flexible terminal deployment and future-ready scalability.

INTELLIGENT ENERGY ALLOCATION

Distribute power dynamically across a flexible one-to-many architecture, maximizing charger utilization and fleet availability.

MAXIMIZE SITE UTILIZATION

Centralized power architecture reduces footprint and improves asset utilization.

FLEXIBLE MODELS

320 KW	640 KW	960 KW	1200 KW	1600 KW	**1920 KW**

IDEAL APPLICATIONS









- HIGHWAY CHARGING HUBS
- FLEET DEPOTS
- BUS TERMINALS
- COMMERCIAL PARKING FACILITIES

GENERAL INFORMATION

Product Name	Herdo
System Type	ZO Split-Type Charging System
Maximum System Power	1920kW
Charging Standard	Dual CCS1/CCS2
Confuguration	Up to 6 × cabinets
Number of Charging Terminals	Up to 12 terminals (24 guns)

POWER CABINET

Input Voltage	480Vac ±10%
Input Frequency	60 Hz
Input Configuration	3P+N+PE
Rated Power	320kW
Support Guns Qty	4
Output Voltage	200-1000Vdc
Output Current (MAX)	1066A
Rated Input Current	410A
Power Supply Cable	3×185 + 2×95 mm²
Power Factor	≥0.99
Peak Efficiency	≥96%

CHARGING TERMINAL

Rated Power	Single Gun: 400kW / Dual Gun: 2×400kW
Charging Port	Dual CCS1
Output Voltage	200-1000Vdc
Output Current (MAX)	2×400A
Output Cables	2 routes, each route: 2×185 mm² + 95 mm²
Display	7-inch Touch Screen
Authentication	Card Payment / QR Code Payment / APP
Network Connectivity	4G / Ethernet
Signal Indicator Light	Green(Standby), Red(Charging), Yellow(Fault)
Communication Protocol	OCPP1.6J / OCPP2.0.1

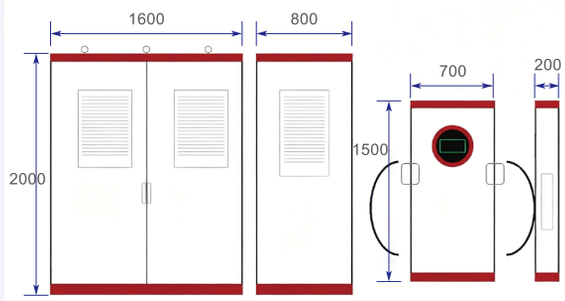
ENVIRONMENTAL CONDITIONS

Ingress Protection	IP54
Operating Temperature	-30°C ~ +50°C
Relative Humidity	5% ~ 95%
Altitude	≤2000m
Cooling Method	Air-cooling

SAFETY & PROTECTION

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

DIMENSIONS



Charging Cabinet Dimensions : 1600 × 800 × 2000 mm

Charging Terminal Dimensions : 700 × 200 × 1500 mm

Charging Cable Assembly Length : 5 m

OPTIONAL FEATURES

- Cable Management System
- Custom Branding
- Customized User Interface
- Cloud Platform

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