

CONTACT US

- CN: SHANGHAI ZHIDA TECHNOLOGY DEVELOPMENT CO., LTD.
- 11F Building 2, KIC Technology Center, NO.477 Zhengli Road, Yangpu District, Shanghai, China, 200433
- Office No.4511, 45th Floor, The Center, 99 Queen's Road Central, Hong Kong
- **QA: ZD ENERGY TECHNOLOGIES**
- Zone 51, Street 2320, Building 125, Unit 387, Al Rayyan, Qatar
- TH: ZD TRADING (THAILAND) CO., LTD.
- 184/119, F/21-C4, Ratchadapisek Road, Kwaeng Huaykwang, Khet Huaykwang, Bangkok, Thailand
- SG: ZD ENERGY PTE. LTD.
- 82 Ubi Avenue 4#05-01 Edward Boustead Centre Singapore, 408832
- DE: ZD ENERGY (DEUTSCHLAND) GMBH
- Mevissenstr. 16, 50668 Köln, Germany
- Business Email: info@zdenergy.com Service Email: service@zdenergy.com
- www.zdenergy.com



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AC/DC/Robotic EV Chargers Products Catalog





Company Profile

Founded in 2010 and headquartered in Shanghai, ZHIDA TECH (ZD Energy) has grown to become the world's leading manufacturer of smart charging systems. As of September 2025, ZHIDA TECH (ZD Energy) has shipped over 2 million chargers to numerous regions across the globe, including Southeast Asia, Latin America, North America, the Middle East, and Europe.

ZHIDA TECH (ZD Energy) holds the highest market share in EV home charging globally and is partnered with 80% of global automotive OEMs - totalling over 70 car brands. ZHIDA TECH (ZD Energy) is committed to empowering the world's transition to electric mobility and green energy by specialising in intelligent charging & home energy solutions, which enable seamless communications between vehicle, home, grid, and charger.

The company is now strengthening its global presence by delivering products and services worldwide and establishing operational sites across Shanghai, Singapore, Hong Kong, Thailand, Qatar, Saudi Arabia, Germany, and Indonesia.





- > Type 2, GB/T EV Charger
- > Single Phase with 7kW AC Charging
- > IP55 Rated for Indoor/Outdoor Applications
- > Optional Wireless Connection with RFID/BT/Wifi/4G Functions

> Undervoltage/Overvoltage Protection

- > Overcurrent Protection
- > Overheat Protection
- > Short-Circuit Protection
- > Leakage Protection
- > Lightning Protection
- > Emergency Stop Protection

PROTECTIONS CERTIFICATIONS















| Rated Input AC Voltage: | AC165~265V |
|--|------------------------|
| Operating Frequency: | 47~63Hz |
| Rated AC Operating Current: | 32A; 3.5kW/7kW |
| IP Rating: | IP55 |
| Operating Altitude: | ≤3000m |
| Operating Humidity: | 5%~95%, Non-Condensing |
| Operating Temperature: | -40°C to +55°C |
| Storage Temperature: | -40°C to +85°C |
| Residual Current Protection Rated Operating Current: | AC 30mA + DC 6mA |
| Residual Current Protection Rated Action Time: | ≤0.1 s |
| Connector Mechanical Operating Life: | ≥10000 uses |
| Product Size: | 310mm*214mm*90mm |





- > Type 1, Type 2, GB/T EV Charger
- > Single Phase with 7kW AC Charging
- > IP66 Rated for Indoor/Outdoor Applications
- > Optional Wireless Connection with RFID/BT/Wifi/4G Functions

- > Undervoltage/Overvoltage Protection
- > Overcurrent Protection
- > Overheat Protection
- > Short-Circuit Protection
- > Leakage Protection
- > Lightning Protection
- > Emergency Stop Protection

PROTECTIONS CERTIFICATIONS



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SPECIFICATIONS

| Rated Input AC Voltage: | AC165~265V |
|--|------------------------|
| Operating Frequency: | 47∼63Hz |
| Rated AC Operating Current: | 32A;3.5kW/7kW |
| IP Rating: | IP66 |
| Operating Altitude: | ≤4000m |
| Operating Humidity: | 5%~95%, Non-Condensing |
| Operating Temperature: | -40°C to +60°C |
| Storage Temperature: | -40°C to +85°C |
| Residual Current Protection Rated Operating Current: | AC 30mA + DC 6mA |
| Residual Current Protection Rated Action Time: | ≤0.1 s |
| Connector Mechanical Operating Life: | ≥10000 uses |
| Product Size: | 420mm*251mm*145mm |

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- > Type 2, GB/T EV Charger
- > Single/Three Phases with Optional 7kW, 11kW or 22kW AC Charging
- > IP66 Rated for Indoor/Outdoor Applications
- > Optional Wireless Connection with RFID/BT/Wifi/4G Functions

- > Undervoltage/Overvoltage Protection
- > Overcurrent Protection
- > Overheat Protection
- > Short-Circuit Protection
- > Leakage Protection
- > Lightning Protection
- > Emergency Stop Protection

PROTECTIONS CERTIFICATIONS













| Rated Input AC Voltage: | AC165~265V, AC323~437V |
|--|------------------------|
| Operating Frequency: | 47~63Hz |
| Rated AC Operating Current: | 16/32A |
| IP Rating: | IP66 |
| Operating Altitude: | ≤2000m |
| Operating Humidity: | 5%∼95%, Non-Condensing |
| Operating Temperature: | -40°C to +55°C |
| Storage Temperature: | -40°C to +85°C |
| Residual Current Protection Rated Operating Current: | AC 30mA + DC 6mA |
| Residual Current Protection Rated Action Time: | ≤0.1 s |
| Connector Mechanical Operating Life: | ≥10000 uses |
| Product Size: | 290mm*473mm*160mm |





- > Type 2, GB/T Portable EV Charger
- > Single Phase with Max 3.5kW AC Charging
- > Max IP67 Rated for Indoor/Outdoor Applications
- > Plug & Charge
- > Compact Design for Easy Carry

PROTECTIONS CERTIFICATIONS

- > Undervoltage/Overvoltage Protection
- > Overcurrent Protection
- > Overheat Protection
- > Short-Circuit Protection
- > Leakage Protection
- > Lightning Protection
- > Emergency Stop Protection





| Rated Input AC Voltage: | AC165~265V |
|--|------------------------|
| Operating Frequency: | 47∼63Hz |
| Rated AC Operating Current: | 8A&10A&13A&15A&16A |
| IP Rating: | IP67 |
| Altitude: | ≤2000m |
| Humidity: | 5%~95%, Non-Condensing |
| Operating Temperature: | -40°C to +55°C |
| Storage Temperature: | -40°C to +85°C |
| Residual Current Protection Rated Operating Current: | Type A+6mA |
| Residual Current Protection Rated Action Time: | ≤0.1s |
| Connector Power line Contact: | AC230V, 16 A Max |
| Connector Mechanical Operating Life: | ≥10000 uses |
| IK Level: | IK10 |
| Cable Length: | 4.2m |
| Certification: | CE |
| Product Size: | 234mm*80mm*48mm |



ACCESSORIES - TYPE 2 CHARGING CABLE





V2L DISCHARGING CONNECTOR



Features

- > Complies with IEC 62196 Standards
- > Flame-retardant, Pressure-resistant, Wear-resistant, Impact-resistant, and Highly Oil-resistant
- > Max IP54 (Mated) Rated for Water and Dust Protection
- Housing Color is Black and is Made of PC Material, with Locking Option for Padlock. The Gun Head is Made of PA66 + 30% GF Material
- > Ergonomic Design for Convenient Handling

Features

- > Complies with IEC 62196-2:2022 and IEC 60884-1 standards
- > Designed for EV-to-Load discharge applications
- > Compact design with connector, 1.5 m cable, and integrated power strip
- > Flame-retardant, pressure-resistant, impact-resistant, and highly durable
- Housing is made of PA66 + 30% GF and PC material; contact terminals are copper allov with silver/nickel plating
- > Dual ingress protection: Connector (IP54/IP55) and Power Strip (IP20
- Equipped with a hook-and-loop strap for easy cable storage and portability
- > Ergonomic design for convenient and safe handling

SPECIFICATIONS

| Rated Voltage: | AC 250/480V |
|----------------------------|---------------|
| Rated Operating Current: | 32A |
| IP Rating: | IP54 |
| Mechanical Operating Life: | >10000 uses |
| Operating Temperature: | -40°C ~ +50°C |
| Storage Temperature: | -40°C ~ +80°C |
| Cable Length: | 5m |
| Storage Bag: | Included |
| Weight: | 2.14kg |

| Rated Voltage | AC 250V |
|---------------------------|--|
| Rated Operating Current | 13A |
| Resistance | 0.5 ΜΩ |
| Insulation Resistance | 100 MΩ (DC 500 V) |
| Withstand Voltage | AC 2000V for 5 s |
| Terminal Temperature Rise | <50 K |
| Mechanical Operating Life | >10000 uses |
| IP Rating | Connector: IP54 / IP55 (mated / unmated); Power Strip: IP20 |
| Flame Retardant Grade | UL94 V-0 |
| Operating Temperature | -30°C ~ +50°C |
| Mating / Unmating Force | ≤100 N |
| Cable Length | 1.5m/5m optional |
| Weight | 0.3 kg |





DC J-SERIES

30kW/40kW

HIGHLIGHTS

Good Value:

High-performance charging in a compact form factor, offering a more affordable solution that is compatible with all EVs

Compact Design:

Flexible installation options — wall-mounted or pedestal-mounted — suitable for both commercial and residential settings

8-inch LCD Touchscreen:

Bright 800-nit display ensures visibility even in directsunlight, with automatic dimming when not in use

Compact & Lightweight:

Small footprint design makes installation easy and space-efficient, adaptable to any location

Easy Installation:

Simple on-site setup with convenient maintenance; supports both wall-mounted and pedestal-mounted configurations

Flexible Payments:

Enables transactions via mobile app, RFID card, or POS machine

PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection

CERTIFICATIONS





| Power | 30kW/40kW |
|------------------------------------|---|
| Input Voltage | Three phase, 400VAC±15% TN-S |
| Frequency | 45~65 Hz |
| Max Output Current | CCS2、GBT、CHAdeMO:125A |
| Operating Temperature | -30°C∼+50°C |
| Relative Humidity | 5-95%, without condensation |
| Ingress Protection | IP54 |
| Cooling Method | Forced Air-Cooling |
| Network Connection | 4G/Ethernet |
| Communication Protocols | OCPP 1.6J or OCPP 2.0.1 |
| Screen | 8"LCD Touch Screen |
| Cable Length | Base 5 or 7 meter cable, with optional length selection |
| Dimensions (W*D*H) | 690*275*1686mm |
| Packing Size (W*D*H) | Charger:1250*1024*852mm Column:740*680*1978mm |
| Weight (Including outer packaging) | Charger: 180kg, Column: 101kg |
| Payment | APP/RFID/POS(Optional) |
| Language | Supports multiple language customization |





DC J-SERIES

60kW

HIGHLIGHTS

Good Value:

High-performance charging in a compact form factor, offering a more affordable solution that is compatible with all EVs

Compact Design:

Flexible installation options — wall-mounted or pedestal-mounted — suitable for both commercial and residential settings

8-inch LCD Touchscreen:

Bright 800-nit display ensures visibility even in directsunlight, with automatic dimming when not in use

Compact & Lightweight:

Small footprint design makes installation easy and space-efficient, adaptable to any location

Easy Installation:

Simple on-site setup with convenient maintenance; supports both wall-mounted and pedestal-mounted configurations

Flexible Payments:

Enables transactions via mobile app, RFID card, or POS machine

PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection

CERTIFICATIONS





| Power | 60kW |
|------------------------------------|---|
| Input Voltage | Three phase, 400VAC±15% TN-S |
| Frequency | 45~65 Hz |
| Max Output Current | CCS2:200A CHAdeMO:125A |
| Operating Temperature | -30°C∼+50°C |
| Relative Humidity | 5-95%, without condensation |
| Ingress Protection | IP54 |
| Cooling Method | Forced Air-Cooling |
| Network Connection | 4G/Ethernet |
| Communication Protocols | OCPP 1.6J or OCPP 2.0.1 |
| Screen | 8"LCD Touch Screen |
| Cable Length | Base 5 or 7 meter cable, with optional length selection |
| Dimensions (W*D*H) | 690*357*1686mm |
| Packing Size (W*D*H) | Charger:1250*1024*742mm Column:740*680*1878mm |
| Weight (Including outer packaging) | Charger: 216.5kg, Column: 107kg |
| Payment | APP/RFID/POS(Optional) |
| Language | Supports multiple language customization |
| | |





HIGHLIGHTS

80kW/120kW/160kW

High-Speed Charging:

Delivers 80–160kW output power with average charging times of 30–60 minutes. Supports multiple connector standards including CCS, CHAdeMO, and GB/T

Customizable Cloud Platform:

Offers software customization and secure cloud access with encryption options to protect operator data

8-inch LCD touchscreen:

Bright 800-nit display ensures visibility even in direct sunlight, with automatic dimming when not in use

Optional Software:

Compatible with cloud-based charging management systems and mobile applications

OTA & On-Site Upgrades:

Supports both over-the-air and on-site upgrades with no disassembly required, ensuring long-term scalability

Flexible Payments:

Enables transactions via mobile app, RFID card, or POS machine

PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection

CERTIFICATIONS





| Power | 80kW/120kW/160kW |
|------------------------------------|---|
| Input Voltage | Three phase, 400VAC±15% TN-S |
| Frequency | 45~65 Hz |
| Max Output Current | CCS2:400A GBT:250A CHAdeMO 125A |
| Operating Temperature | -30°C∼+50°C |
| Relative Humidity | 5-95%, without condensation |
| Ingress Protection | IP54 |
| Cooling Method | Forced Air-Cooling |
| Network Connection | 4G/Ethernet |
| Communication Protocols | OCPP 1.6J or OCPP 2.0.1 |
| Screen | 8"LCD Touch Screen |
| Cable Length | Base 5 or 7 meter cable, with optional length selection |
| Dimensions (W*D*H) | 700*490*1696mm |
| Packing Size (W*D*H) | 1090*750*1900mm |
| Weight (Including outer packaging) | 324kg、347kg、392kg |
| Payment | APP/RFID/POS(Optional) |
| Language | Supports multiple language customization |





180kW/240kW

HIGHLIGHTS

High-Speed Charging:

Delivers 180–240kW output power with average charging times of 30–60 minutes. Supports multiple connector standards including CCS, CHAdeMO, and GB/T

Customizable Cloud Platform:

Offers software customization and secure cloud access with encryption options to protect operator data

8-inch LCD touchscreen:

Bright 800-nit display ensures visibility even in direct sunlight, with automatic dimming when not in use

Optional Software:

Compatible with cloud-based charging management systems and mobile applications

OTA & On-Site Upgrades:

Supports both over-the-air and on-site upgrades with no disassembly required, ensuring long-term scalability

Flexible Payments:

Enables transactions via mobile app, RFID card, or POS machine

PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection

CERTIFICATIONS





| Power | 180kW/240kW |
|------------------------------------|---|
| Input Voltage | Three phase, 400VAC±15% TN-S |
| Frequency | 45~65 Hz |
| Max Output Current | CCS2:400A GBT:250A CHAdeMO 125A |
| Operating Temperature | -30°C∼+50°C |
| Relative Humidity | 5-95%, without condensation |
| Ingress Protection | IP54 |
| Cooling Method | Forced Air-Cooling |
| Network Connection | 4G/Ethernet |
| Communication Protocols | OCPP 1.6J or OCPP 2.0.1 |
| Screen | 8"LCD Touch Screen |
| Cable Length | Base 5 or 7 meter cable, with optional length selection |
| Dimensions (W*D*H) | 750*605*1805mm |
| Packing Size (W*D*H) | 180kW:1170*880*2080mm 240kW:1240*1050*2120mm |
| Weight (Including outer packaging) | 460kg、528kg |
| Payment | APP/RFID/POS(Optional) |
| Language | Supports multiple language customization |





DC J-SERIES

300kW/360kW/420kW

HIGHLIGHTS

High-Speed Charging:

Delivers 300–420kW output power with average charging times of 30–60 minutes. Supports multiple connector standards including CCS, CHAdeMO, and GB/T

Customizable Cloud Platform:

Offers software customization and secure cloud access with encryption options to protect operator data

8-inch LCD touchscreen:

Bright 800-nit display ensures visibility even in direct sunlight, with automatic dimming when not in use

Optional Software:

Compatible with cloud-based charging management systems and mobile applications

OTA & On-Site Upgrades:

Supports both over-the-air and on-site upgrades with no disassembly required, ensuring long-term scalability

Flexible Payments:

Enables transactions via mobile app, RFID card, or POS machine

PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection

CERTIFICATIONS





| Power | 300kW/360kW/420kW |
|------------------------------------|---|
| Input Voltage | Three phase, 400VAC±15% TN-S |
| Frequency | 45~65 Hz |
| Max Output Current | CCS2:400A GBT:300A |
| Operating Temperature | -30°C∼+50°C |
| Relative Humidity | 5-95%, without condensation |
| Ingress Protection | IP54 |
| Cooling Method | Forced Air-Cooling |
| Network Connection | 4G/Ethernet |
| Communication Protocols | OCPP 1.6J or OCPP 2.0.1 |
| Screen | 8"LCD Touch Screen |
| Cable Length | Base 5 or 7 meter cable, with optional length selection |
| Dimensions (W*D*H) | 850*1100*2200mm |
| Packing Size (W*D*H) | 1210*1130*2480mm |
| Weight (Including outer packaging) | 695kg、750kg、806kg |
| Payment | APP/RFID/POS(Optional) |
| Language | Supports multiple language customization |





PROTECTIONS

Undervoltage protection

Overvoltage protection

DC Overcurrent protection

Over-temperature protection

Surge Protection Device

Emergency Stop Protection

Ground Protection



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|--|---|
| Technical Specifications | |
| Protection | IP 55 System, IP 67 Battery |
| Mechanical Protection | IK 10 |
| Max system DC output powerii | 250kW |
| Dimension (H*W*D) | 2260mm * 1340mm * 1100mm |
| Weight | 2650 kg |
| Operating Temperature | -25°C to 50°C |
| Humidity | 5% to 90% |
| Network Connections1 | GSM/3GILTE(CE) |
| EMC emission1 | IEC 61000-6-2, IEC 61000-6-4, EN, 61851-21-2:2018(CE) |
| Noise emission (at 1m distance) | ≤ 55 dB(A) |
| Output DC charging point #1 | · · · |
| DC output power2 | Max. 150 kW (DPD) |
| DC output current | Max. 350 A @430V, Max. 188 A @800V |
| DC output voltage | 200-920VDC |
| DC output interface | CCS Type 2 Combo |
| DC Metering conform to MessEG | Yes (only German variant) |
| DC Metering conform to MID | Yes (EU -non German variants) |
| Vehicle PLC communication | ISO 15118, DIN 70121 |
| Output DC charging point #2 | 130 13110, DIN 10121 |
| DC output power2 | Max.150 kW(DPD) |
| DC output currentiv | Max. 350 A @430V, Max.188 A @800V |
| DC output currently DC output voltage | 200-920VDC |
| DC output voltage DC output interface | |
| · · · · · · · · · · · · · · · · · · · | CCS Type 2 Combo |
| DC Metering conform to MessEG | Yes (only German variant) |
| DC Metering conform to MID | Yes (EU -non German variants) |
| Vehicle PLc communication | ISO 15118. DIN 70121 |
| Input | 400 V 50 H TN C C 2D - N - D5 |
| Grid connection | 400 V, 50 Hz; TN-C-S; 3P + N + PE |
| | 16 / 32 / 63A; 2 low voltage safety lines (Impact) |
| Electrical protection | Overvoltage category IV(DIN 60664-1) |
| RCD protection | Yes (Type B) |
| Remote Emergency Stop Function | Yes (according to APEA-Electric |
| (optional): | Vehicle Charging Installations a Filling Stations) |
| Power factor | > 0.95 |
| Efficiency6 | ≤ 0°C: ≥75%, >0°Cto +30°C: ≥80%, >+30°C: ≥ 75% |
| Battery | |
| Internal battery rated capacity | 193.536kWh |
| Maximum usable capacity¥ | 160 kWh |
| SoCmin./Socmax. | 5%/95% |
| Max.recharge power2 | 2*20kW to battery,1*40kW (DPD) to vehicle |
| User Interface | 10" Touch Screen |
| HMI | 43" Advertising Screen, Status LEDs, Charge Stop button |
| Authorization / Payment | RFID Mifare (IEC 14443 AB) |
| | Compliant to PCI-PTS 3.x, PCI-PTS 6-858318327> |
| | NFC /Credit Card (IEC 18092) |
| Operator interface | |
| OCPP | OCPP 1.6-J, Improved security for OCPP 1.6-J, |
| | edition 2, OCPP 2.0.1 |
| Cable Management System | Support (Option) |
| | |





| Weight | Overall weight | <200kg |
|-------------------------------|---|--|
| Size | Overall Dimensions (L x W x H) | <1400 x 350 x 1600mm |
| | Adaptable Charging Port Height Range | 750-1000mm |
| | Arm Length | ≥1000mm |
| Performance | Operating Temperature | -20°C ~ +65°C |
| | IP (Ingress Protection) | IP65 (Batch); IP54 (Trial Production) |
| | Humidity | 5%~95% |
| | Maximum Effective Operating Range | Length Direction \pm 150mm Width Direction \pm 150mm Height Direction 750-1000mm |
| | Maximum Yaw Angle Compatible with Vehicle Charging Port | ±3° |
| | Robotic Arm Degrees of Freedom | 4 |
| | Payload Capacity | 30kg |
| | Visual Positioning Accuracy | 0.2mm |
| | Matching Success Rate | ≥99.9% |
| | Maximum Matching Time | ≤120 s |
| System Connectivity | Interfaces | Bluetooth/Wi-Fi |
| | Control | Remote Controller/Backend Platform |
| Electrical Characteristics | Power Consumption | Peak ≤ 1 kW, Average≤ 500 kW |
| | Operating Voltage | 220V AC, 50 Hz |



| SPECIFICA | TIONS | |
|-------------------------------|---|--|
| Weight | Overall weight | <200kg |
| Size | Overall Dimensions (L x W x H) | <1250 x 220 x 1600mm |
| | Adaptable Charging Port Height Range | 750-1000mm |
| | Arm Length | ≥1000mm |
| Performance | Operating Temperature | -20°C ~ +65°C |
| | IP (Ingress Protection) | IP65 (Batch); IP54 (Trial Production) |
| | Humidity | 5%~95% |
| | Maximum Effective Operating Range | Length Direction \pm 150mm Width Direction \pm 150mm Height Direction 750-1000mm |
| | Maximum Yaw Angle Compatible with Vehicle Charging Port | ±3° |
| | Robotic Arm Degrees of Freedom | 4 |
| | Payload Capacity | 30kg |
| | Visual Positioning Accuracy | 0.2mm |
| | Matching Success Rate | ≥99.9% |
| | Maximum Matching Time | ≤120 s |
| System Connectivity | Interfaces | Bluetooth/Wi-Fi |
| | Control | Remote Controller/Backend Platform |
| Electrical Characteristics | Power Consumption | Peak ≤ 1 kW, Average≤ 500 kW |
| | Operating Voltage | 220V AC, 50 Hz |



SPECIFICATIONS

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|-------------------------------|---|--|
| Weight | Overall weight | <150kg |
| Size | Overall Dimensions (L x W x H) | <600 x 600 x 1500mm |
| | Adaptable Charging Port Height Range | 850-1100mm |
| | Arm Length | ≥1000mm |
| Performance | Operating Temperature | -10°C ~ +45°C |
| | IP (Ingress Protection) | IP54 |
| | Humidity | 20%~95% |
| | Maximum Effective Operating Range | Length Direction \pm 200mm Width Direction \pm 200mm Height Direction 850-1100mm |
| | Maximum Yaw Angle Compatible with Vehicle Charging Port | ±3° |
| | Robotic Arm Degrees of Freedom | 6 |
| | Payload Capacity | 10kg |
| | Visual Positioning Accuracy | 0.2mm |
| | Matching Success Rate | ≥99.9% |
| | Maximum Matching Time | ≤60 s |
| System Connectivity | Interfaces | Bluetooth/485/Ethernet/4G/Wi-Fi |
| | Control | Remote Controller/Backend Platform |
| Electrical Characteristics | Power Consumption | Peak ≤ 2 kW, Average≤ 1 kW |
| | Operating Voltage | 220V AC, 50 Hz |

| Weight | Overall weight | <150kg |
|-------------------------------|---|--|
| Size | Overall Dimensions (L x W x H) | <600 x 600 x 1500mm |
| | Adaptable Charging Port Height Range | 850-1100mm |
| | Arm Length | ≥1000mm |
| Performance | Operating Temperature | -10°C ~ +45°C |
| | IP (Ingress Protection) | IP54 |
| | Humidity | 20%~95% |
| | Maximum Effective Operating Range | Length Direction \pm 200mm Width Direction \pm 200mm Height Direction 850-1100mm |
| | Maximum Yaw Angle Compatible with Vehicle Charging Port | ±3° |
| | Robotic Arm Degrees of Freedom | 6 |
| | Payload Capacity | 10kg |
| | Visual Positioning Accuracy | 0.2mm |
| | Matching Success Rate | ≥99.9% |
| | Maximum Matching Time | ≤60 s |
| System Connectivity | Interfaces | Bluetooth/485/Ethernet/4G/Wi-Fi |
| | Control | Remote Controller/Backend Platform |
| Electrical Characteristics | Power Consumption | Peak ≤ 2 kW, Average≤ 1 kW |
| | Operating Voltage | 220V AC, 50 Hz |
| | | |







- > 7*24 hour continuous outdoor operation scenario, each robot has an average of more than 20 charging cycles per day.
- The only operating solution in Typhoon 18 weather conditions.