



# EV CHARGER BROCHURE



Energizing the future

Shenzhen ATESS Power Technology Co., Ltd

ATESS Industrial Park, No.23 Zhulongtian Road, Shuitian Community,  
Shiyan Street, Bao'an District, Shenzhen

Tel: +86 755 2998 8492

Fax: +86 755 2998 5623

Email: [info@atesspower.com](mailto:info@atesspower.com)

Web: [www.atesspower.com](http://www.atesspower.com)

\*Catalog data is subject to occasional updates, kindly reconfirm with ATESS staff prior to order placement.



2026.08

# About us

## We are committed to energizing the future with clean energy

Shenzhen ATESS Power Technology Co., Ltd. is a subsidiary of Growatt group, headquartered in GROWATT-ATESS Industrial Park, Shuitian 4th Industrial Zone, Bao'an District, Shenzhen. The park covers an area of 31,600 m<sup>2</sup> and the manufacturing center covers an area of 25,000 m<sup>2</sup>. It is a comprehensive smart industrial park integrating R&D, manufacturing, and sales of new energy products.



ESS & EV charging solutions supplier



31,600 m<sup>2</sup> industrial park



Thousands of tonnes of CO<sub>2</sub> emission reduced



Clean power delivered to 100,000+ users



12 years experience in ESS



200,000+ EV chargers installed



# Milestone

**2015**  
Started EV charger business

**2013**  
Started ESS business

**2016**  
Started EV  
part business

**2019**  
Top 3 EV charger supplier  
in the UK market

**2018**  
Top 3 supplier in the Thailand  
ESS market

**2020**  
Approved as a specialized and  
sophisticated enterprise producing new  
and unique products

**2022**  
No. 1 in the C&I ESS  
sector in South Africa

# Our History

# Our R&D team

ATESS boasts an R&D team of over 100 highly experienced engineers. Our laboratory is fully equipped with advanced testing instruments to ensure top-notch product performance and quality, as well as customers' needs. We dedicate around 15% of our annual revenue to research and development each year to keep our products competitive.

**100+**  
100+ R&D engineers

**12**  
12 years' experience

**50%+**  
50%+ engineers with master's degree

**15%**  
15% of annual revenue as R&D investment



# Branches



## Our vision

Over the past years, ATESS has helped thousands of users and companies produce and consume green energy independently according to their individual needs, saving millions of tonnes of CO<sub>2</sub> emission. This motivates us to continually strive to create and innovate, on the universal carbon neutralization goal, and also a greener future energized by renewable energy technology.

- 📍 Headquarter
- Office/warehouse

**90+**  
**Countries**  
Delivered clean power to 90+ Countries

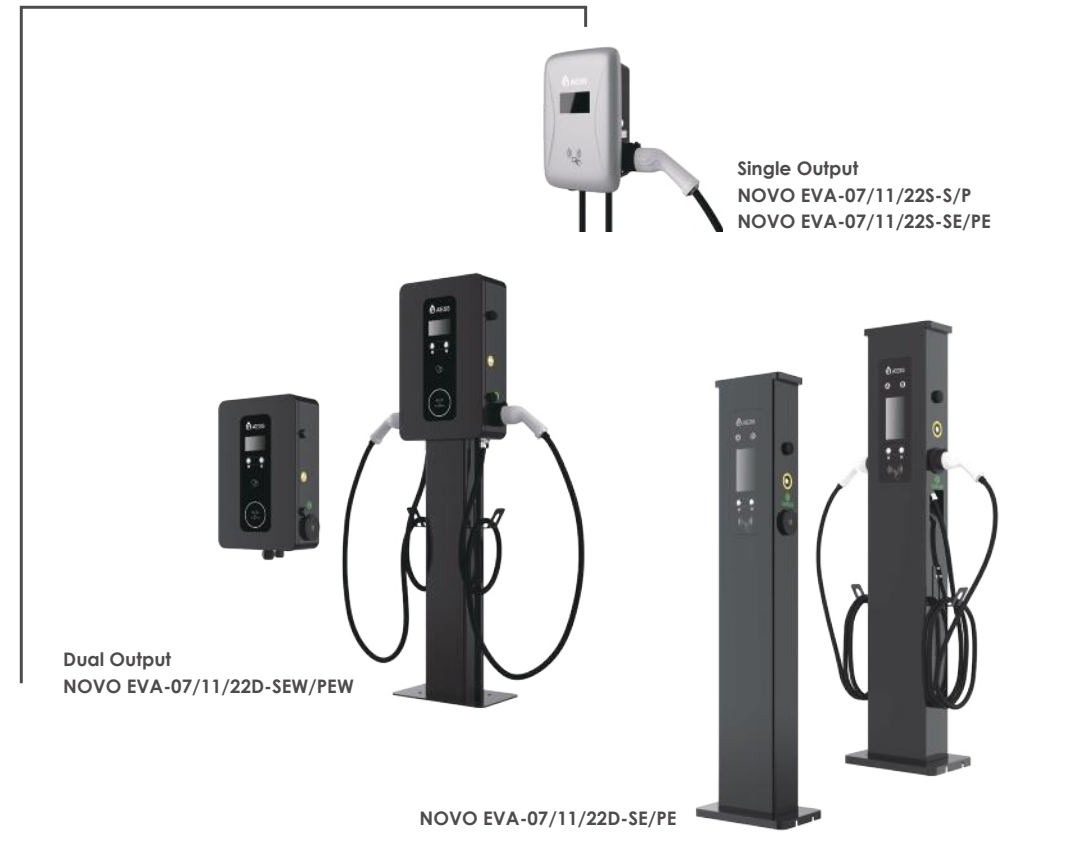
**15**  
**Branches**  
15 Offices and warehouses Worldwide

**10**  
**Years**  
Systems operating 10+ years

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## AC EV Charging Station

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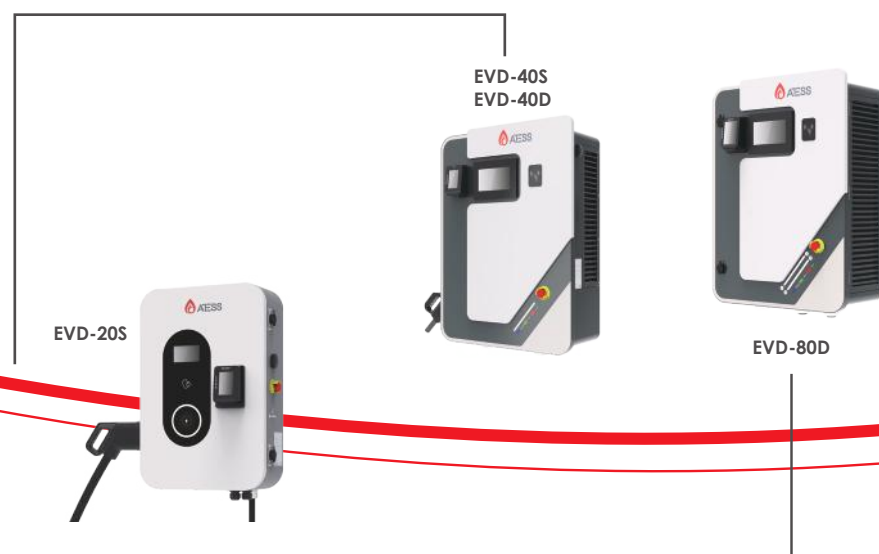
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## DC EV Charging Station

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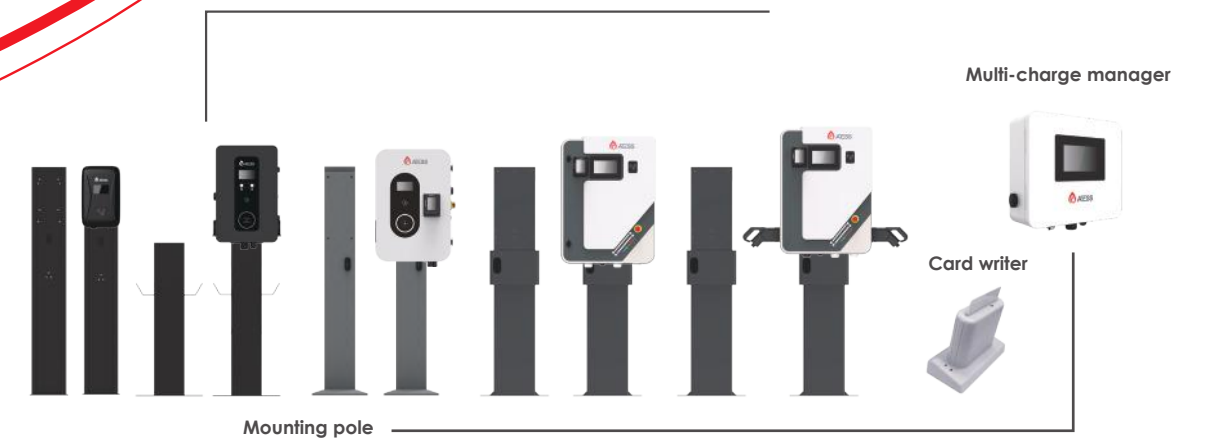
## AC/DC Combo EV Charging Station

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## Accessories

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# NOVO EVA-07/11/22S-S

# NOVO EVA-07/11/22S-P

AC EV charging station for home or light commercial use, plug or socket type optional, single output.



## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

Compact and exquisite
- 

EU standard
- 

Flexible installation

| Model                        | NOVO EVA-07S-S/P | NOVO EVA-11S-S/P         | NOVO EVA-22S-S/P |
|------------------------------|------------------|--------------------------|------------------|
| Input & Output               |                  |                          |                  |
| Input voltage                | 230V AC          | 400V AC                  | 400V AC          |
| Input frequency              |                  | 50Hz/60Hz                |                  |
| Output voltage               | 230V AC          | 400V AC                  | 400V AC          |
| Max.output power             | 7kW              | 11kW                     | 22kW             |
| Max.output current           | 32A              | 16A                      | 32A              |
| Charging interface type      |                  | IEC62196-2,Type2         |                  |
| Connection                   |                  | Socket/ Plug (opt)       |                  |
| Cable Length                 |                  | 5m                       |                  |
| Protection                   |                  |                          |                  |
| Over voltage protection      |                  | Yes                      |                  |
| Under voltage protection     |                  | Yes                      |                  |
| Over current protection      |                  | Yes                      |                  |
| Over load protection         |                  | Yes                      |                  |
| Earth leakage protection     |                  | AC 30mA + DC 6mA         |                  |
| Over-temp protection         |                  | Yes                      |                  |
| Lightning protection         |                  | Yes                      |                  |
| Function & Accessory         |                  |                          |                  |
| Ethernet/WIFI/4G             |                  | Yes/Yes/Opt              |                  |
| LCD                          |                  | Opt                      |                  |
| Charging Mode                |                  | APP/RFID/Plug and charge |                  |
| LED Indicator Light          |                  | Yes                      |                  |
| Intelligent power adjustment |                  | Yes                      |                  |
| PV linkage                   |                  | Yes                      |                  |
| Installation                 |                  | Floor/wall-mounting      |                  |
| MID meter                    |                  | Opt                      |                  |
| Appearance colour            |                  | Black/Silver             |                  |
| OCP                          |                  | 1.6JSON                  |                  |
| Working Environment          |                  |                          |                  |
| Ingress Protection           |                  | IP65                     |                  |
| Operating temperature        |                  | -25°C ~+50°C             |                  |
| Relative humidity            |                  | 5-95% non-condensing     |                  |
| Maximum altitude             |                  | 2000m                    |                  |
| Cooling                      |                  | Natural air cooling      |                  |
| Standby power consumption    |                  | <8W                      |                  |
| Mechanical                   |                  |                          |                  |
| Dimension (W/H/D)            |                  | 246/382/162mm            |                  |
| Weight                       | < 3kg(Socket)    | < 3.5kg(Socket)          | < 3.5kg(Socket)  |
|                              | <5kg (Plug)      | <5.5kg (Plug)            | <6.5kg (Plug)    |
| Certificate                  |                  |                          |                  |
|                              |                  | CE RCM CB                |                  |

# NOVO EVA-07/11/22S-SE

# NOVO EVA-07/11/22S-PE

AC EV charging station for home use or light commercial use,  
plug or socket type optional, single output.



## Features

- 

Programmable charging mode
- 

Compact and exquisite
- 

Comprehensive protection
- 

EU standard
- 

Multiple communication modes
- 

Flexible installation

| Model                        | NOVO EVA-07S-SE/PE | NOVO EVA-11S-SE/PE       | NOVO EVA-22S-SE/PE |
|------------------------------|--------------------|--------------------------|--------------------|
| Input & Output               |                    |                          |                    |
| Input voltage                | 230V AC            | 400V AC                  | 400V AC            |
| Input frequency              |                    | 50Hz/60Hz                |                    |
| Output voltage               | 230V AC            | 400V AC                  | 400V AC            |
| Max.output power             | 7kW                | 11kW                     | 22kW               |
| Max.output current           | 32A                | 16A                      | 32A                |
| Charging interface type      |                    | IEC62196-2,Type2         |                    |
| Connection                   |                    | Socket/ Plug (opt)       |                    |
| Cable Length                 |                    | 5m                       |                    |
| Protection                   |                    |                          |                    |
| Over voltage protection      |                    | Yes                      |                    |
| Under voltage protection     |                    | Yes                      |                    |
| Over current protection      |                    | Yes                      |                    |
| Over load protection         |                    | Yes                      |                    |
| Earth leakage protection     |                    | AC 30mA + DC 6mA         |                    |
| PEN protection               |                    | Yes                      |                    |
| Over-temp protection         |                    | Yes                      |                    |
| Lightning protection         |                    | Yes                      |                    |
| Function & Accessory         |                    |                          |                    |
| Ethernet/WIFI/4G             |                    | Yes/Yes/Opt              |                    |
| LCD                          |                    | Opt                      |                    |
| Charging Mode                |                    | APP/RFID/Plug and charge |                    |
| LED Indicator Light          |                    | Yes                      |                    |
| Intelligent power adjustment |                    | Yes                      |                    |
| PV linkage                   |                    | Yes                      |                    |
| Installation                 |                    | Floor/wall-mounting      |                    |
| Pro-earth                    |                    | Yes                      |                    |
| MID meter                    |                    | Opt                      |                    |
| Appearance colour            |                    | Black/Silver             |                    |
| OCPP                         |                    | 1.6JSON                  |                    |
| Working Environment          |                    |                          |                    |
| Ingress Protection           |                    | IP65                     |                    |
| Operating temperature        |                    | -25°C ~+50°C             |                    |
| Relative humidity            |                    | 5-95% non-condensing     |                    |
| Maximum altitude             |                    | 2000m                    |                    |
| Cooling                      |                    | Natural air cooling      |                    |
| Standby power consumption    |                    | <8W                      |                    |
| Mechanical                   |                    |                          |                    |
| Dimension (W/H/D)            |                    | 246/382/162mm            |                    |
| Weight                       | < 3kg(Socket)      | < 3.5kg(Socket)          | < 3.5kg(Socket)    |
|                              | <5kg (Plug)        | <5.5kg (Plug)            | <6.5kg (Plug)      |
| Certificate                  |                    |                          |                    |
|                              |                    | CE RCM                   |                    |

# NOVO EVA-07/11/22D-SEW

# NOVO EVA-07/11/22D-PEW

Floor/wall-mounting type AC EV charging station, plug or socket type optional, dual output.

## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

Dual output ports
- 

EU standard
- 

Flexible installation



| Model                             | NOVO EVA-07D-SEW/PEW | NOVO EVA-11D-SEW/PEW                       | NOVO EVA-22D-SEW/PEW |
|-----------------------------------|----------------------|--------------------------------------------|----------------------|
| Input & Output                    |                      |                                            |                      |
| Input voltage                     | 230V AC              | 400V AC                                    | 400V AC              |
| Input frequency                   |                      | 50Hz/60Hz                                  |                      |
| Output voltage                    | 230V AC              | 400V AC                                    | 400V AC              |
| Max.output power                  | 7kW*2                | 11kW*2                                     | 22kW*2               |
| Max.output current                | 32A*2                | 16A*2                                      | 32A*2                |
| Charging interface type           |                      | IEC62196-2,Type2                           |                      |
| Connection                        |                      | Socket/ Plug (opt)                         |                      |
| Cable Length                      |                      | 5m                                         |                      |
| Number of connection              |                      | 2                                          |                      |
| Protection                        |                      |                                            |                      |
| Over voltage protection           |                      | Yes                                        |                      |
| Under voltage protection          |                      | Yes                                        |                      |
| Over current protection           |                      | Yes                                        |                      |
| Over load protection              |                      | Yes                                        |                      |
| Short circuit protection          |                      | Yes                                        |                      |
| Earth leakage protection          |                      | TypeA 30mA+6mA DC Fault current protection |                      |
| PEN protection(Pro-earth version) |                      | Yes                                        |                      |
| Over-temp protection              |                      | Yes                                        |                      |
| Lightning protection              |                      | Yes                                        |                      |
| Function & Accessory              |                      |                                            |                      |
| Ethernet/WIFI/4G                  |                      | Yes/Yes/Opt                                |                      |
| LCD                               |                      | Opt                                        |                      |
| Charging Mode                     |                      | APP/RFID/Plug and charge                   |                      |
| LED Indicator Light               |                      | Yes                                        |                      |
| Intelligent power adjustment      |                      | Yes                                        |                      |
| PV linkage                        |                      | Yes                                        |                      |
| Installation                      |                      | Floor/wall-mounting                        |                      |
| Pro-earth                         |                      | Opt                                        |                      |
| MID meter                         |                      | Opt                                        |                      |
| OCPP                              |                      | 1.6JSON                                    |                      |
| Working Environment               |                      |                                            |                      |
| Ingress Protection                |                      | IP55/ IP65                                 |                      |
| Operating temperature             |                      | -25°C ~+50°C                               |                      |
| Relative humidity                 |                      | 5-95% non-condensing                       |                      |
| Maximum altitude                  |                      | 2000m                                      |                      |
| Cooling                           |                      | Natural air cooling                        |                      |
| Standby power consumption         |                      | <8W                                        |                      |
| Mechanical                        |                      |                                            |                      |
| Dimension (W/H/D)                 |                      | 360/562/177mm                              |                      |
| Weight                            | < 14kg(Socket)       | < 17kg(Socket)                             | < 17kg(Socket)       |
|                                   | < 18kg(Plug)         | < 19kg(Plug)                               | < 20kg(Plug)         |
| Certificate                       |                      |                                            |                      |
|                                   |                      | CE RCM CB                                  |                      |

# NOVO EVA-07/11/22D-SE

# NOVO EVA-07/11/22D-PE

Floor-standing type AC EV charging station, plug or socket type optional, dual output.

## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

Dual output ports
- 

EU standard
- 

Floor-standing design

| Model                             | NOVO EVA-07D-SE/PE | NOVO EVA-11D-SE/PE                         | NOVO EVA-22D-SE/PE |
|-----------------------------------|--------------------|--------------------------------------------|--------------------|
| Input & Output                    |                    |                                            |                    |
| Input voltage                     | 230V AC            | 400V AC                                    | 400V AC            |
| Input frequency                   |                    | 50Hz/60Hz                                  |                    |
| Output voltage                    | 230V AC            | 400V AC                                    | 400V AC            |
| Max.output power                  | 7kW*2              | 11kW*2                                     | 22kW*2             |
| Max.output current                | 32A*2              | 16A*2                                      | 32A*2              |
| Charging interface type           |                    | IEC62196-2,Type2                           |                    |
| Connection                        |                    | Socket/ Plug (opt)                         |                    |
| Cable Length                      |                    | 5m                                         |                    |
| Number of connection              |                    | 2                                          |                    |
| Protection                        |                    |                                            |                    |
| Over voltage protection           |                    | Yes                                        |                    |
| Under voltage protection          |                    | Yes                                        |                    |
| Over current protection           |                    | Yes                                        |                    |
| Over load protection              |                    | Yes                                        |                    |
| Short circuit protection          |                    | Yes                                        |                    |
| Earth leakage protection          |                    | TypeA 30mA+6mA DC Fault current protection |                    |
| PEN protection(Pro-earth version) |                    | Yes                                        |                    |
| Over-temp protection              |                    | Yes                                        |                    |
| Lightning protection              |                    | Yes                                        |                    |
| Function & Accessory              |                    |                                            |                    |
| Ethernet/WIFI/4G                  |                    | Yes/Yes/Opt                                |                    |
| LCD                               |                    | Opt                                        |                    |
| Charging Mode                     |                    | APP/RFID/Plug and charge                   |                    |
| LED Indicator Light               |                    | Yes                                        |                    |
| Intelligent power adjustment      |                    | Yes                                        |                    |
| PV linkage                        |                    | Yes                                        |                    |
| Installation                      |                    | Floor                                      |                    |
| Pro-earth                         |                    | Opt                                        |                    |
| MID meter                         |                    | Opt                                        |                    |
| OCPP                              |                    | 1.6JSON                                    |                    |
| Working Environment               |                    |                                            |                    |
| Ingress Protection                |                    | IP55/ IP65                                 |                    |
| Operating temperature             |                    | -25°C ~+50°C                               |                    |
| Relative humidity                 |                    | 5-95% non-condensing                       |                    |
| Maximum altitude                  |                    | 2000m                                      |                    |
| Cooling                           |                    | Natural air cooling                        |                    |
| Standby power consumption         |                    | <8W                                        |                    |
| Mechanical                        |                    |                                            |                    |
| Dimension (W/H/D)                 |                    | 420/1639/270mm                             |                    |
| Weight                            | < 19kg(Socket)     | < 22kg(Socket)                             | < 22kg(Socket)     |
|                                   | < 23kg(Plug)       | < 26kg(Plug)                               | < 28kg(Plug)       |
| Certificate                       |                    |                                            |                    |
|                                   |                    | CE RCM CB                                  |                    |

# EVD-20S

Fast DC EV charging station  
for public use, CCS Type 2 plug.

## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

POS payment terminal
- 

4.3 inch screen/opt
- 

EU standard
- 

Flexible installation
- \*Reserved installation space and power supply provided.

| Model                        | EVD-20S                          |
|------------------------------|----------------------------------|
| Input & Output               |                                  |
| Input voltage range          | 320~457V AC                      |
| Rated input voltage          | AC400V(3P/N/PE)                  |
| Rated input current          | AC32A                            |
| Rated Frequency              | 50Hz                             |
| DC plug type                 | CCS Type 2                       |
| Output voltage range         | DC150~1000V                      |
| Rated power                  | 20kW                             |
| Max. output current          | DC50A                            |
| Voltage accuracy             | ≤±0.5%                           |
| Current accuracy             | ≤±1%(at 20%-100% of rated power) |
| Voltage-regulating accuracy  | ≤±0.5%                           |
| Current-regulating accuracy  | ≤±1%                             |
| Ripple coefficient           | RMS: ±0.5%; Peak: ≤±1%           |
| Metering accuracy            | Class 0.5                        |
| Efficiency                   | ≥94%                             |
| Cable length                 | 5m                               |
| Protection                   |                                  |
| Over voltage protection      | Yes                              |
| Under voltage protection     | Yes                              |
| Over current protection      | Yes                              |
| Over load protection         | Yes                              |
| Over-temp protection         | Yes                              |
| Emergency protection         | Yes                              |
| Lightning protection         | Yes                              |
| Function & Accessory         |                                  |
| Display                      | 4.3 inch screen/Opt              |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                      |
| Charging mode                | APP/RFID/Plug and Charge         |
| Intelligent power adjustment | Yes                              |
| PV linkage                   | Yes                              |
| Load balancing               | Yes                              |
| Indicator                    | Yes                              |
| Installation                 | Floor/wall-mounting              |
| OCPP                         | 1.6JSON                          |
| Working Environment          |                                  |
| Ingress Protection           | IP54                             |
| Operating temperature        | -25°C ~+50°C                     |
| Relative humidity            | 5-95% non-condensing             |
| Maximum altitude             | 2000m                            |
| Cooling                      | Forced air cooling               |
| Standby power consumption    | <20W                             |
| Noise emission               | <65db                            |
| Mechanical                   |                                  |
| Dimension (W/H/D)            | 450/670/206mm                    |
| Weight                       | 38kg                             |
| Certificate                  |                                  |
| CE RCM                       |                                  |

# EVD-40S

# EVD-40D

Large capacity fast DC EV charging station for public use, CCS Type 2 plug, CCS/CHAdeMO plugs(Only for EVD-40D) .



## Features

- 

Programmable charging mode
- 

7 inch touch screen
- 

Comprehensive protection
- 

EU and Jap standard
- 

Multiple communication modes
- 

Flexible installation
- 

POS payment terminal
- \*Reserved installation space and power supply provided.

| Model                        | EVD-40S                                | EVD-40D |
|------------------------------|----------------------------------------|---------|
| Input & Output               |                                        |         |
| Input voltage range          | 320~457V AC                            |         |
| Rated input voltage          | AC400V(3P/N/PE)                        |         |
| Rated input current          | AC64A                                  |         |
| Rated frequency              | 50Hz                                   |         |
| DC plug type                 | CCS Type 2(default), CHAdeMO(opt)      |         |
| Output voltage range         | CCS:DC 150~1000V   CHAdeMO: DC150~500V |         |
| Rated power                  | 40kW                                   |         |
| Max. output current          | CCS:DC100A, CHAdeMO: DC100A            |         |
| Voltage accuracy             | ≤±0.5%                                 |         |
| Current accuracy             | ≤±1%(at 20%-100% of rated power)       |         |
| Voltage-regulating accuracy  | ≤±0.5%                                 |         |
| Current-regulating accuracy  | ≤±1%                                   |         |
| Ripple coefficient           | RMS: ±0.5%; Peak: ≤±1%                 |         |
| Metering accuracy            | Class 0.5                              |         |
| Efficiency                   | >94%                                   |         |
| Cable length                 | 5m                                     |         |
| Protection                   |                                        |         |
| Over voltage protection      | Yes                                    |         |
| Under voltage protection     | Yes                                    |         |
| Over current protection      | Yes                                    |         |
| Over load protection         | Yes                                    |         |
| Over-temp protection         | Yes                                    |         |
| Emergency protection         | Yes                                    |         |
| Lightning protection         | Yes                                    |         |
| Function & Accessory         |                                        |         |
| Display                      | 7 inch touch screen                    |         |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                            |         |
| Charging mode                | APP/RFID/Plug and Charge               |         |
| Intelligent power adjustment | Yes                                    |         |
| PV linkage                   | Yes                                    |         |
| Load balancing               | Yes                                    |         |
| Indicator                    | Yes                                    |         |
| Installation                 | Floor/wall-mounting                    |         |
| OCPP                         | 1.6JSON                                |         |
| Working Environment          |                                        |         |
| Ingress Protection           | IP54                                   |         |
| Operating temperature        | -25°C ~+50°C                           |         |
| Relative humidity            | 5-95% non-condensing                   |         |
| Maximum altitude             | 2000m                                  |         |
| Cooling                      | Forced air cooling                     |         |
| Standby power consumption    | <30W                                   |         |
| Noise emission               | ≤65db                                  |         |
| Mechanical                   |                                        |         |
| Dimension (W/H/D)            | 632/858/300mm                          |         |
| Weight                       | 82kg                                   | 93kg    |
| Certificate                  |                                        |         |
|                              | CE RCM                                 |         |

# EVD-80D

Large capacity fast DC EV charging station for public use, dual CCS Type 2 plugs.



## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

POS payment terminal
- 

7 inch touch screen
- 

EU standard
- 

Dual output ports
- \*Reserved installation space and power supply provided.

| Model                        | EVD-80D                          |
|------------------------------|----------------------------------|
| Input & Output               |                                  |
| Input voltage range          | 320~457V AC                      |
| Rated input voltage          | AC400V(3P/N/PE)                  |
| Rated input current          | AC122A                           |
| Rated frequency              | 50Hz                             |
| DC plug type                 | CCS Type 2, double plugs         |
| Output voltage range         | CCS:DC 150~1000V                 |
| Rated power                  | 80kW                             |
| Max. output current          | CCS:DC200A                       |
| Voltage accuracy             | ≤±0.5%                           |
| Current accuracy             | ≤±1%(at 20%-100% of rated power) |
| Voltage-regulating accuracy  | ≤±0.5%                           |
| Current-regulating accuracy  | ≤±1%                             |
| Ripple coefficient           | RMS: ±0.5%; Peak: ≤±1%           |
| Metering accuracy            | Class 0.5                        |
| Efficiency                   | ≥94%                             |
| Cable length                 | 5m                               |
| Protection                   |                                  |
| Over voltage protection      | Yes                              |
| Under voltage protection     | Yes                              |
| Over current protection      | Yes                              |
| Over load protection         | Yes                              |
| Over-temp protection         | Yes                              |
| Emergency protection         | Yes                              |
| Lightning protection         | Yes                              |
| Function & Accessory         |                                  |
| Display                      | 7 inch touch screen              |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                      |
| Charging mode                | APP/RFID/Plug and Charge         |
| Intelligent power adjustment | Yes                              |
| Indicator                    | Yes                              |
| Installation                 | Floor/wall-mounting              |
| OCPP                         | 1.6JSON                          |
| Working Environment          |                                  |
| Ingress Protection           | IP54                             |
| Operating temperature        | -25°C ~+50°C                     |
| Relative humidity            | 5-95% non-condensing             |
| Maximum altitude             | 2000m                            |
| Cooling                      | Forced air cooling               |
| Standby power consumption    | <50W                             |
| Noise emission               | ≤65db                            |
| Mechanical                   |                                  |
| Dimension (W/H/D)            | 632/858/300mm                    |
| Weight                       | 95kg                             |
| Certificate                  |                                  |
|                              | CE                               |

# EVD-80/120/160/200D-X

Large capacity fast DC EV charging station for public use, double CCS plugs with automatic power adjustment between 2 plugs.



## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

POS payment terminal
- 

7 inch touch screen
- 

EU standard
- 

Dual output ports
- \*Reserved installation space and power supply provided.

| Model                        | EVD-80D-X                    | EVD-120D-X | EVD-160D-X | EVD-200D-X |
|------------------------------|------------------------------|------------|------------|------------|
| Input & Output               |                              |            |            |            |
| Input voltage range          | 320~457V AC                  |            |            |            |
| Rated input voltage          | AC400V(3P/N/PE)              |            |            |            |
| Rated input current          | AC125A                       | AC185A     | AC245A     | AC305A     |
| Rated frequency              | 50Hz                         |            |            |            |
| DC plug type                 | CCS Type2, double plugs      |            |            |            |
| Output voltage range         | CCS: DC150-1000V             |            |            |            |
| Rated power                  | 80kW                         | 120kW      | 160kW      | 200kW      |
| Max. output current          | CCS: DC200A                  |            |            |            |
| Voltage-regulating accuracy  | ≤±0.5%                       |            |            |            |
| Current-regulating accuracy  | ≤±1%                         |            |            |            |
| Ripple coefficient           | RMS: ≤±0.5%; Peak: ≤±1%      |            |            |            |
| Metering accuracy            | Class 0.5                    |            |            |            |
| Efficiency                   | >95%                         |            |            |            |
| Cable Length                 | 5m                           |            |            |            |
| Protection                   |                              |            |            |            |
| Over voltage protection      | Yes                          |            |            |            |
| Under voltage protection     | Yes                          |            |            |            |
| Over current protection      | Yes                          |            |            |            |
| Over load protection         | Yes                          |            |            |            |
| Short circuit protection     | Yes                          |            |            |            |
| Earth leakage protection     | Yes                          |            |            |            |
| Emergency protection         | Yes                          |            |            |            |
| Over-temp protection         | Yes                          |            |            |            |
| Lightning protection         | Yes                          |            |            |            |
| Function & Accessory         |                              |            |            |            |
| Display                      | 7 inch touch screen          |            |            |            |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                  |            |            |            |
| Charging mode                | APP/RFID/Plug and Charge/VIN |            |            |            |
| Intelligent power adjustment | Yes                          |            |            |            |
| Indicator                    | Yes                          |            |            |            |
| Emergency stop               | Yes                          |            |            |            |
| Installation                 | Floor                        |            |            |            |
| OCPP                         | 1.6JSON                      |            |            |            |
| Working Environment          |                              |            |            |            |
| Ingress Protection           | IP54                         |            |            |            |
| Operating temperature        | -25°C ~+50°C                 |            |            |            |
| Relative humidity            | 5-95% non-condensing         |            |            |            |
| Maximum altitude             | 2000m                        |            |            |            |
| Cooling                      | Forced air cooling           |            |            |            |
| Standby power consumption    | <100W                        | <120W      | <120W      | <135W      |
| Noise emission               | ≤65db                        |            |            |            |
| Mechanical                   |                              |            |            |            |
| Dimension (W/H/D)            | 600/1883/803mm               |            |            |            |
| Weight                       | 260kg                        | 275kg      | 289kg      | 310kg      |
| Certificate                  |                              |            |            |            |
|                              | CE                           |            |            |            |

# REVO EVD-240/280/320/360D

Large capacity fast DC EV charging station, double CCS outputs with automatic power adjustment, each output supports max. 200A current with wide voltage coverage.



## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

POS payment terminal  
\*Reserved installation space and power supply provided.
- 

10.4 inch touch screen
- 

EU standard
- 

Dual output ports
- 

Charging cable balancer,  
effortless cable handling

| Model                        | REVO EVD-240D                          | REVO EVD-280D | REVO EVD-320D | REVO EVD-360D |
|------------------------------|----------------------------------------|---------------|---------------|---------------|
| Input & Output               |                                        |               |               |               |
| Input voltage range          | 362~438V AC                            |               |               |               |
| Rated input voltage          | AC400V(3P/N/PE)                        |               |               |               |
| Rated input current          | 370A                                   | 430A          | 490A          | 552A          |
| Rated frequency              | 50Hz                                   |               |               |               |
| DC plug type                 | CCS Type 2,double plugs                |               |               |               |
| Output voltage range         | CCS:DC 150~1000V                       |               |               |               |
| Rated power                  | 240kW                                  | 280kW         | 320kW         | 360kW         |
| Max. output current          | CCS: DC200A                            |               |               |               |
| Voltage accuracy             | ≤±0.5%                                 |               |               |               |
| Current accuracy             | ≥30A: ≤±1% ; <30A: ≤±0.3A              |               |               |               |
| Voltage-regulating accuracy  | ≤±0.5%                                 |               |               |               |
| Current-regulating accuracy  | ≤±1%                                   |               |               |               |
| Ripple coefficient           | RMS: ≤±0.5%; Peak: ≤±1%                |               |               |               |
| Metering accuracy            | Class 0.5                              |               |               |               |
| Efficiency                   | >95%                                   |               |               |               |
| Cable length                 | 5m                                     |               |               |               |
| Protection                   |                                        |               |               |               |
| Over voltage protection      | Yes                                    |               |               |               |
| Under voltage protection     | Yes                                    |               |               |               |
| Over current protection      | Yes                                    |               |               |               |
| Over load protection         | Yes                                    |               |               |               |
| Over-temp protection         | Yes                                    |               |               |               |
| Emergency protection         | Yes                                    |               |               |               |
| Earth leakage protection     | Yes                                    |               |               |               |
| Short circuit protection     | Yes                                    |               |               |               |
| Lightning protection         | Yes                                    |               |               |               |
| Function & Accessory         |                                        |               |               |               |
| Display                      | 10.4 inch touch screen                 |               |               |               |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                            |               |               |               |
| Charging mode                | APP/RFID/Plug and Charge/VIN           |               |               |               |
| Intelligent power adjustment | Yes                                    |               |               |               |
| Indicator                    | Yes                                    |               |               |               |
| Emergency stop               | Yes                                    |               |               |               |
| Charging cable balancer      | Yes                                    |               |               |               |
| Installation                 | Floor                                  |               |               |               |
| OCPP                         | 1.6JSON                                |               |               |               |
| Working Environment          |                                        |               |               |               |
| Ingress Protection           | IP54                                   |               |               |               |
| Operating temperature        | -25°C ~+50°C                           |               |               |               |
| Relative humidity            | 5-95% non-condensing                   |               |               |               |
| Maximum altitude             | 2000m                                  |               |               |               |
| Cooling                      | Forced air cooling                     |               |               |               |
| Standby power consumption    | <100W                                  | <120W         | <140W         | <160W         |
| Noise emission               | ≤65db                                  |               |               |               |
| Mechanical                   |                                        |               |               |               |
| Dimension (W/H/D)            | 1250/2097/1000mm                       |               |               |               |
|                              | 1824/2248/1373mm (with Cable balancer) |               |               |               |
| Weight                       | 549kg                                  | 566kg         | 583kg         | 598kg         |
| Certificate                  |                                        |               |               |               |
|                              | CE                                     |               |               |               |

# REVO EVD-400/480D

Large capacity fast DC EV charging station, double CCS outputs with automatic power adjustment, each output supports max. 600A current with wide voltage coverage.



## Features

- 

Programmable charging mode
- 

Comprehensive protection
- 

Multiple communication modes
- 

POS payment terminal
- 

10.4 inch touch screen
- 

EU standard
- 

Dual output ports
- 

Charging cable balancer, effortless cable handling

\*Reserved installation space and power supply provided.

| Model                        | REVO EVD-400D                                          |  | REVO EVD-480D |
|------------------------------|--------------------------------------------------------|--|---------------|
| Input & Output               |                                                        |  |               |
| Input voltage range          | 362~438V AC                                            |  |               |
| Rated input voltage          | AC400V(3P/N/PE)                                        |  |               |
| Rated input current          | AC 610A                                                |  | AC 735A       |
| Rated frequency              | 50Hz                                                   |  |               |
| DC plug type                 | CCS Type 2,double plugs                                |  |               |
| Output voltage range         | CCS: DC 150~1000V                                      |  |               |
| Rated power                  | 400kW                                                  |  | 480kW         |
| Max. output current          | 380A (Nominal), 500A (Peak, 20min), 600A (Peak, 10min) |  |               |
| Voltage accuracy             | ≤±0.5%                                                 |  |               |
| Current accuracy             | ≥30A: ≤±1% ; <30A: ≤±0.3A                              |  |               |
| Voltage-regulating accuracy  | ≤±0.5%                                                 |  |               |
| Current-regulating accuracy  | ≤±1%                                                   |  |               |
| Ripple coefficient           | RMS: ≤±0.5%; Peak: ≤±1%                                |  |               |
| Metering accuracy            | Class 0.5                                              |  |               |
| Efficiency                   | >95%                                                   |  |               |
| Cable Length                 | 5m                                                     |  |               |
| Protection                   |                                                        |  |               |
| Over voltage protection      | Yes                                                    |  |               |
| Under voltage protection     | Yes                                                    |  |               |
| Over current protection      | Yes                                                    |  |               |
| Over load protection         | Yes                                                    |  |               |
| Over-temp protection         | Yes                                                    |  |               |
| Emergency protection         | Yes                                                    |  |               |
| Earth leakage protection     | Yes                                                    |  |               |
| Short circuit protection     | Yes                                                    |  |               |
| Lightning protection         | Yes                                                    |  |               |
| Function & Accessory         |                                                        |  |               |
| Display                      | 10.4 inch touch screen                                 |  |               |
| Ethernet/WIFI/4G             | Yes/Yes/Opt                                            |  |               |
| Charging mode                | APP/RFID/Plug and Charge/VIN                           |  |               |
| Intelligent power adjustment | Yes                                                    |  |               |
| Indicator                    | Yes                                                    |  |               |
| Emergency stop               | Yes                                                    |  |               |
| Charging cable balancer      | Yes                                                    |  |               |
| Installation                 | Floor                                                  |  |               |
| OCP                          | 1.6JSON                                                |  |               |
| Working Environment          |                                                        |  |               |
| Ingress Protection           | IP54                                                   |  |               |
| Operating temperature        | -25°C ~+50°C                                           |  |               |
| Relative humidity            | 5-95% non-condensing                                   |  |               |
| Maximum altitude             | 2000m                                                  |  |               |
| Cooling                      | Forced air cooling                                     |  |               |
| Standby power consumption    | <150W                                                  |  | <200W         |
| Noise emission               | ≤65db                                                  |  |               |
| Mechanical                   |                                                        |  |               |
| Dimension (W/H/D)            | 1250/2097/1000mm                                       |  |               |
|                              | 1824/2248/1373mm (with Cable balancer)                 |  |               |
| Weight                       | 700kg                                                  |  | 732kg         |
| Certificate                  |                                                        |  |               |
|                              | CE                                                     |  |               |

# EVC-AC22S/DC200D-X

# EVC-AC44S/DC200D-X

Large capacity fast combo EV charging station for public use, single AC charging plug + dual DC charging plugs.



## Features

-  Programmable charging mode
-  Comprehensive protection
-  Multiple communication modes
-  3 output ports
-  7 inch touch screen
-  EU standard
-  AC&DC combo charger
-  POS payment terminal

\*Reserved installation space and power supply provided.

| Model                     | EVC-AC22S/DC200D-X               |  | EVC-AC44S/DC200D-X |
|---------------------------|----------------------------------|--|--------------------|
| Input & Output            |                                  |  |                    |
| Input voltage range       | 320~457V AC                      |  |                    |
| Rated input voltage       | AC400V(3P/N/PE)                  |  |                    |
| Rated input current       | AC337A                           |  | AC368A             |
| Frequency                 | 50Hz                             |  |                    |
| AC connection             | IEC 62196-2, Type 2, plug*1      |  |                    |
| DC connection             | CCS type2, double plugs          |  |                    |
| Output voltage range      | DC:150-1000V AC:400V             |  |                    |
| Max output current        | DC:200A AC:32A                   |  | DC:200A AC:63A     |
| Rated power               | 222KW                            |  | 244KW              |
| Voltage accuracy (DC)     | ≤±0.5%                           |  |                    |
| Current accuracy (DC)     | ≤±1%(at 20%-100% of rated power) |  |                    |
| Ripple coefficient (DC)   | RMS: ≤±0.5%; Peak: ≤±1%          |  |                    |
| Metering accuracy         | Class 0.5                        |  |                    |
| Efficiency (DC)           | >95%                             |  |                    |
| Cable Length              | 5m                               |  |                    |
| Protection                |                                  |  |                    |
| Over voltage protection   | Yes                              |  |                    |
| Under voltage protection  | Yes                              |  |                    |
| Over current protection   | Yes                              |  |                    |
| Over load protection      | Yes                              |  |                    |
| Short circuit protection  | Yes                              |  |                    |
| Earth leakage protection  | Yes                              |  |                    |
| Emergency protection      | Yes                              |  |                    |
| Over-temp protection      | Yes                              |  |                    |
| Lightning protection      | Yes                              |  |                    |
| Function & Accessory      |                                  |  |                    |
| Display                   | 7 inch touch screen              |  |                    |
| Ethernet/WIFI/4G          | Yes/Yes/Opt                      |  |                    |
| Charging mode             | APP/RFID/Plug and Charge/VIN     |  |                    |
| Indicator                 | Yes                              |  |                    |
| Emergency stop            | Yes                              |  |                    |
| Installation              | Floor                            |  |                    |
| OCPP                      | 1.6JSON                          |  |                    |
| Working Environment       |                                  |  |                    |
| Ingress Protection        | IP54                             |  |                    |
| Operating temperature     | -25°C ~+50°C                     |  |                    |
| Relative humidity         | 5-95% non-condensing             |  |                    |
| Maximum altitude          | 2000m                            |  |                    |
| Cooling                   | Forced air cooling               |  |                    |
| Standby power consumption | <150W                            |  |                    |
| Noise emission            | ≤65db                            |  |                    |
| Mechanical                |                                  |  |                    |
| Dimension (W/H/D)         | 600/1883/803mm                   |  |                    |
| Weight                    | 311kg                            |  | 316kg              |
| Certificate               |                                  |  |                    |
|                           | CE                               |  |                    |

# EneRace

ATESS charging system includes operational platform and App.  
Through App, operational platform and charging equipment connection,  
it provides the best use experience for users with different roles.

## Features

- 

Quick and easy overview
- 

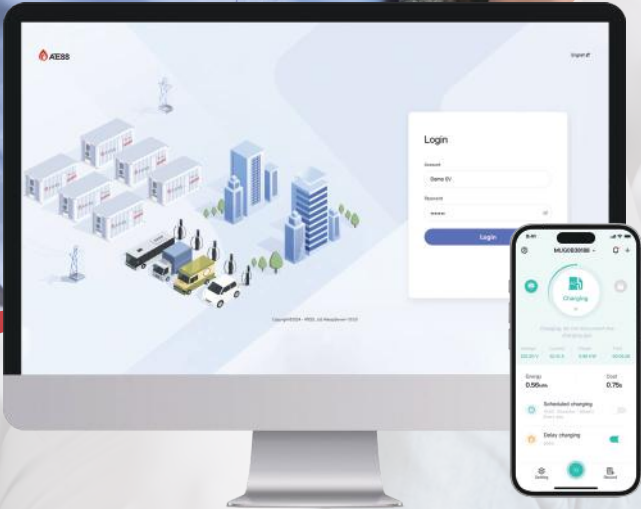
Real-time monitoring
- 

Data analysable
- 

Detail report downloadable
- 

Multi-roleco-management
- 

Online control and maintenance



|                      | EneRace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charging system      | The charging system includes operational platform and App. Through App, operational platform and charging equipment connection, it provides the best use experience for users with different roles.                                                                                                                                                                                                                                                                                           |
| Operational platform | Operational platform mainly for operators to provide user management, monitoring and fault early warning, RFID card charger management functions such as service.                                                                                                                                                                                                                                                                                                                             |
| Mobile APP           | Mobile App for end users to provide remote monitoring, charging in advance, peak valley charging function such as service. <div><div></div></div> |

# Accessories



| Model             | NOVO EVA-07/11/22S-S/P | NOVO EVA-07/11/22D-SEW/PEW |
|-------------------|------------------------|----------------------------|
| Mounting pole     |                        |                            |
| Dimension (W/H/D) | 255/1500/154mm         | 360/906.5/250mm            |
| Weight            | 11kg                   | 10kg                       |



| Model             | EVD-20S        |
|-------------------|----------------|
| Mounting pole     |                |
| Dimension (W/H/D) | 360/1500/260mm |
| Weight            | 14kg           |



| Model             | EVD-40S        | EVD-40D | EVD-80D |
|-------------------|----------------|---------|---------|
| Mounting pole     |                |         |         |
| Dimension (W/H/D) | 500/1652/300mm |         |         |
| Weight            | 31kg           |         |         |



| Model                | CARD WRITER                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Contactless IC card  | Supports Mifare 1 cards, TypeA CPU cards, and TypeB CPU cards that comply with the ISO14443 standard widely applied in the market. |
| Standard             | RF interface that complies with ISO/IEC14443 TypeA and TypeB standard                                                              |
| Working frequency    | 13.56 MHz                                                                                                                          |
| Perating temperature | -20°C ~ 65°C;                                                                                                                      |
| Storage temperature  | -20°C ~ 70°C;                                                                                                                      |
| Relative humidity    | 20-90%                                                                                                                             |
| Protection           | TypeA CPU cards and TypeB CPU cards (embedded with CPU chips) for better encryption and security                                   |



| Model                          | Multi-charge manager                                              |
|--------------------------------|-------------------------------------------------------------------|
| Specification                  |                                                                   |
| System capacity                | 692.8KW                                                           |
| Normal input voltage/ range    | 400Vac<br>320~480Vac                                              |
| Normal input frequency/ range  | 50/60Hz<br>45-55Hz/55-65Hz                                        |
| Max. detection current         | 1000A                                                             |
| Charger max. connection number | 32PCS                                                             |
| Max. communication distance    | RS485 shielded twisted pair cable : 500m<br>Ethernet cable : 100m |
| Dimensions(W/H/D)              | 364*335*145mm                                                     |
| Weight                         | 6.5KG                                                             |
| Operating temperature          | -20°C~+50°C                                                       |
| Protection degree              | IP 65                                                             |
| Relative humidity              | 0~95%                                                             |
| Certification                  | CE                                                                |

# Case

## Charging station for business district

Location: UK  
Product: EVA-22D-SE



### AC Charger installed

Location: UK  
Product: EVA-07D-SEW



### Mobile Charging Station for L'ETAPE

Location: Czech Republic  
Product: EVD-40S



## Charging station for business district

Location: UK  
Product: EVD-40D



## Charging station for business district

Location: France  
Product: EVA-11D-P



## Public charging station

Location: France  
Product: REVO EVD-180D



## Sideway charging station

Location: Italy  
Product: EVD-40S



## Fast charging station for 4S store

Location: Hungary  
Product: EVC-AC22D/DC150D

# Smart EV building

Location: Thailand  
Product: EVA-11S-P



**Case**  
Reference



**KMUTT  
University charging station**

Location: Thailand  
Product: EVD-60D EVA-44S-P



**SCB charging station**

Location: Thailand  
Product: EVD-40S



**Bus charging station**

Location: Thailand  
Product: EVC-AC22D/DC150D



**GWM fast charging station**

Location: Thailand  
Product: EVD-360D

# E-ferry Charging station

Location: Thailand  
Product: EVD-300D



Case  
Reference



## VOLVO charging station

Location: Thailand  
Product: EVD-300D



## PEA filling station

Location: Thailand  
Product: EVD-300D