



# EV CHARGER BROCHURE



Energizing the future

Shenzhen ATESS Power Technology Co., Ltd

GROWATT-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)



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# 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

2018  
Top 3 supplier in the Thailand  
ESS market

2019  
Top 3 EV charger supplier  
in the UK 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

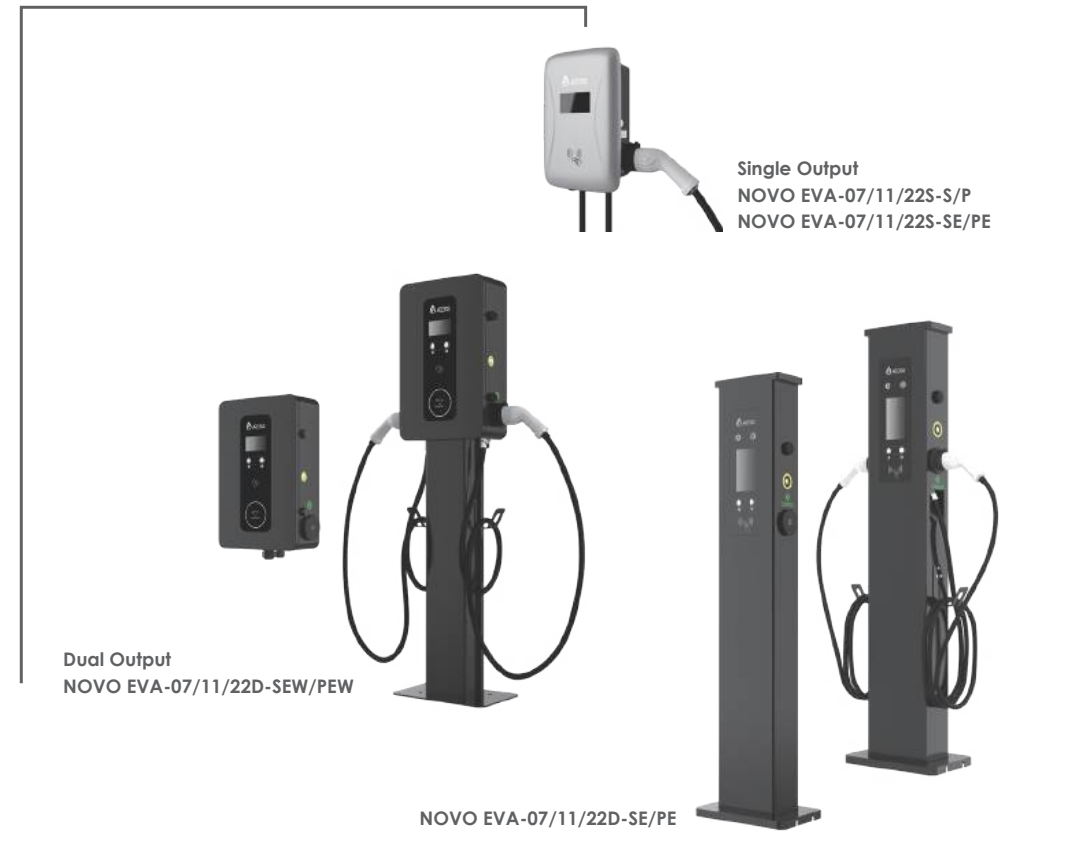
**10**  
**Years**

Systems operating 10+ years

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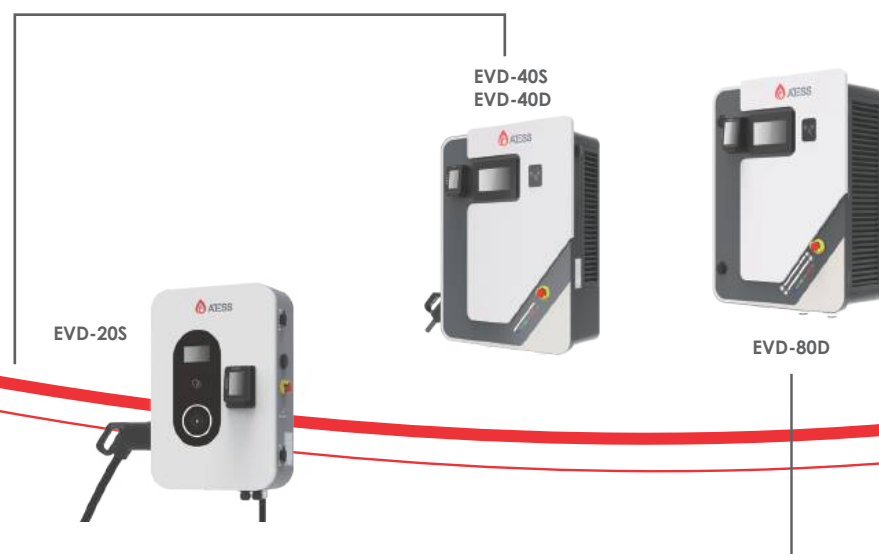
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## DC EV Charging Station

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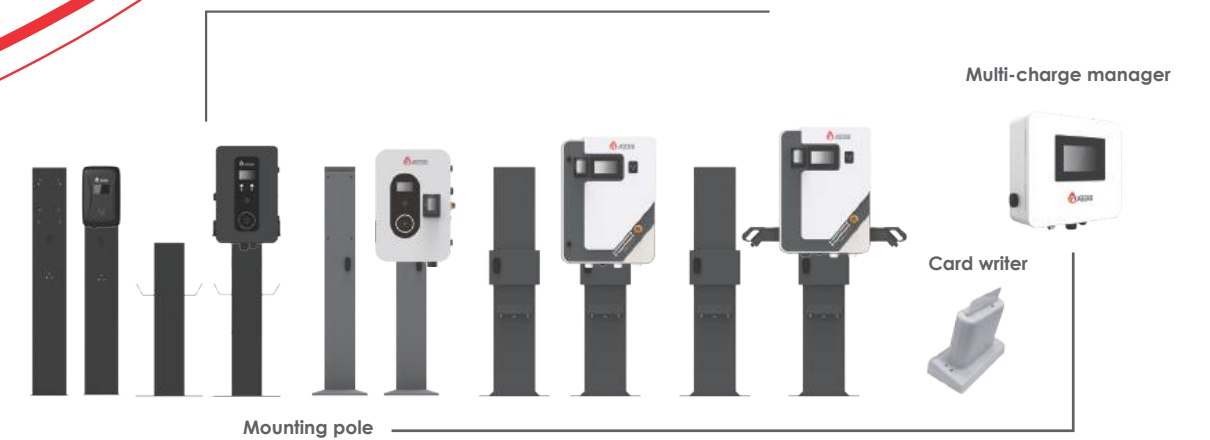
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## Accessories

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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(Opt)/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	
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 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(Opt)/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(Opt)/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					





# 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(Opt)/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	




# 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	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(opt)/Plug and Charge
Intelligent power adjustment	Yes
PV linkage	Yes
Load balancing	Yes
Indicator	Yes
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
-  Comprehensive protection
-  Multiple communication modes
-  POS payment terminal
-  7 inch touch screen
-  EU and Jap standard
-  Flexible installation
- \*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	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(opt)/Plug and Charge	
Intelligent power adjustment	Yes	
PV linkage	Yes	
Load balancing	Yes	
Indicator	Yes	
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	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(opt)/Plug and Charge
Intelligent power adjustment	Yes
Indicator	Yes
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	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			
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	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			
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	<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	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	
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	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			
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
- 

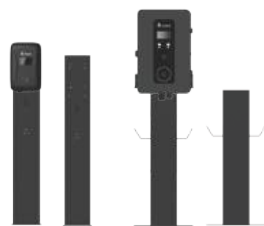
Online control and maintenance



	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		500/1652/300mm
Weight	30kg		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 320~480Vac
Normal input frequency/ range	50/60Hz 45-55Hz/55-65Hz
Max. detection current	1000A
Charger max. connection number	32PCS
Max. communication distance	RS485 shielded twisted pair cable : 500m 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