ATESS

EV CHARGER BROCHURE

ATESS

Energizing the future

Shenzhen ATESS Power Technology Co., Ltd

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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 m² and the manufacturing center covers an area of 25,000 m². It is a comprehensive smart industrial park integrating R&D, manufacturing, and sales of new energy products.

ESS & EV charging solutions supplier

31,600 m² industrial park

Thousands of tonnes of CO_2 emission reduced

Clean power delivered to 100,000+ users

12 years experience in ESS

200,000+ EV chargers installed

Milestone

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

2019
Top 3 EV charger supplier in the UK market

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

2018
Top 3 supplier in the Thailand ESS market

2016
Started EV part business

2015
Started EV charger business

2013
Started ESS business

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

UK
Holland
Germany
Croatia
Italy
Turkey
Shenzhen
Hong kong
Dubai
Mexico
Nigeria
Thailand
Singapore
In the pipeline
Peru
South Africa
Australia

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_2 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

◼ In the pipeline

85+
Countries
Delivered clean power to 85+ Countries

13
Branches
13 Offices and warehouses Worldwide

5
Years
Systems operating 5+ years

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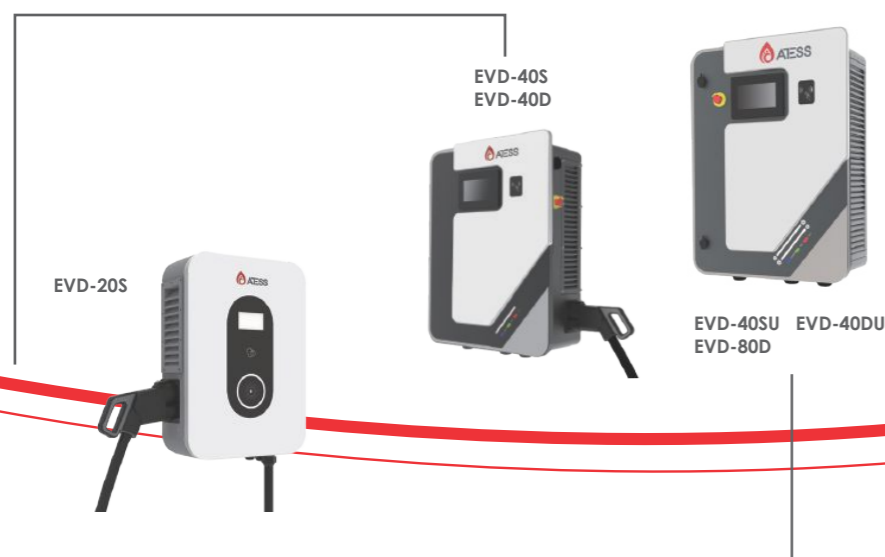
NOVO EVA-07/11/22S-S
NOVO EVA-07/11/22S-P

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

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	7.3kW	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 load protection		Yes	
Residual current detection		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(without plug)	< 3.5kg(without plug)	< 3.5kg(without plug)
	<5kg (with plug)	<5.5kg (with plug)	<6.5kg (with plug)
Certificate			
		CE RCM CB	

Features

- Programmable charging mode
- Comprehensive protection
- Multiple communication modes
- Compact and exquisite
- EU standard
- Flexible installation

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.

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	7.3kW	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 load protection		Yes	
Residual current detection		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	
Pro-earth		Yes	
MID meter		Opt	
Appearance colour		Black/Silver	
OCPP		1.6JSON	
Working Environment			
Ingress Protection		IP65	
Operating temperature		-25℃ ~+50℃	
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(without plug)	< 3.5kg(without plug)	< 3.5kg(without plug)
	<5kg (with plug)	<5.5kg (with plug)	<6.5kg (with plug)
Certificate			
		CE RCM	

Features

 Programmable charging mode

 Compact and exquisite

 Comprehensive protection

 EU standard

 Multiple communication modes

 Flexible installation

NOVO EVA-07/09/12S-PU

Single-phase AC home electric vehicle charging station, Type 1 plug, single output, US standard.

Model	NOVO EVA-07S-PU	NOVO EVA-09S-PU	NOVO EVA-12S-PU
Input & Output			
Input voltage	240V AC	240V AC	240V AC
Input frequency		60Hz	
Output voltage	240V AC	240V AC	240V AC
Max.output power	7.6kW	9.6kW	12kW
Max.output current	32A	40A	50A
Charging interface type		Type1	
Connection		Plug	
Cable Length		25ft(7.6m)	
Number of connection		1	
Protection			
Over voltage protection		Yes	
Under voltage protection		Yes	
Over load protection		Yes	
Earth leakage protection		20mA CCID	
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	
Appearance colour		Black/Silver	
OCPP		1.6JSON	
Working Environment			
Ingress Protection		NEMA 3R	
Operating temperature		-22°F ~+122°F	
Relative humidity		5-95% non-condensing	
Maximum altitude		6500ft(2000m)	
Cooling		Natural cooling	
Standby power consumption		<8W	
Mechanical			
Dimension (W/H/D)		246/382/162mm	
Weight	<5kg	<6kg	<7kg
Certificate & Standard			
Certificate		CSA	
Standard		UL2594, CSA-C22.2, UL2231-1, UL2231-2, UL1998, FCC part15	

Features

((•)) Programmable charging mode

Compact and exquisite

Comprehensive protection

US standard

Multiple communication modes

Flexible installation

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.

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	7.3kW*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 load protection		Yes	
Short circuit protection		Yes	
Earth leakage protection		TypeA+6mA DC Fault current protection	
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℃ ~+50℃	
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(without plug)	<17kg(without plug)	<17kg(without plug)
	<18kg(with plug)	<20kg(with plug)	<22kg(with plug)
Certificate			
		CE RCM	

Features

📡 Programmable charging mode

🔋 Dual output ports

🛡 Comprehensive protection

📋 EU standard

📶 Multiple communication modes

⚙ Flexible installation

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.

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	7.3kW*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 load protection		Yes	
Short circuit protection		Yes	
Earth leakage protection		TypeA+6mA DC Fault current protection	
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℃ ~+50℃	
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(without plug)	<22kg(without plug)	<22kg(without plug)
	<23kg(with plug)	<26kg(with plug)	<28kg(with plug)
Certificate			
		CE RCM	

Features

- Programmable charging mode
- Comprehensive protection
- Multiple communication modes
- Dual output ports
- EU standard
- Floor-standing design

EVD-20S

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

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 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
Indicator	Yes
OCPP	1.6JSON
Working Environment	
Ingress Protection	IP54
Operating temperature	-25℃ ~+50℃
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)	450/670/206mm
Weight	38kg
Certificate	
	CE RCM

Features

🔲 Programmable charging mode

🔲 Comprehensive protection

🔲 Multiple communication modes

🔲 4.3 inch screen/opt

🔲 EU standard

🔲 Flexible installation

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) .

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 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	
Indicator	Yes	
OCPP	1.6JSON	
Working Environment		
Ingress Protection	IP54	
Operating temperature	-25℃ ~+50℃	
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	84kg	93kg
Certificate		
	CE RCM	

Features

((·)) Programmable charging mode

⚡ Comprehensive protection

(([]) Multiple communication modes

☀ 7 inch touch screen

Eu Jap EU and Jap standard

❀ Flexible installation

EVD-40SU
EVD-40DU

Large capacity fast DC EV charging stationfor public use, CCS Type 1 plug, US standard.

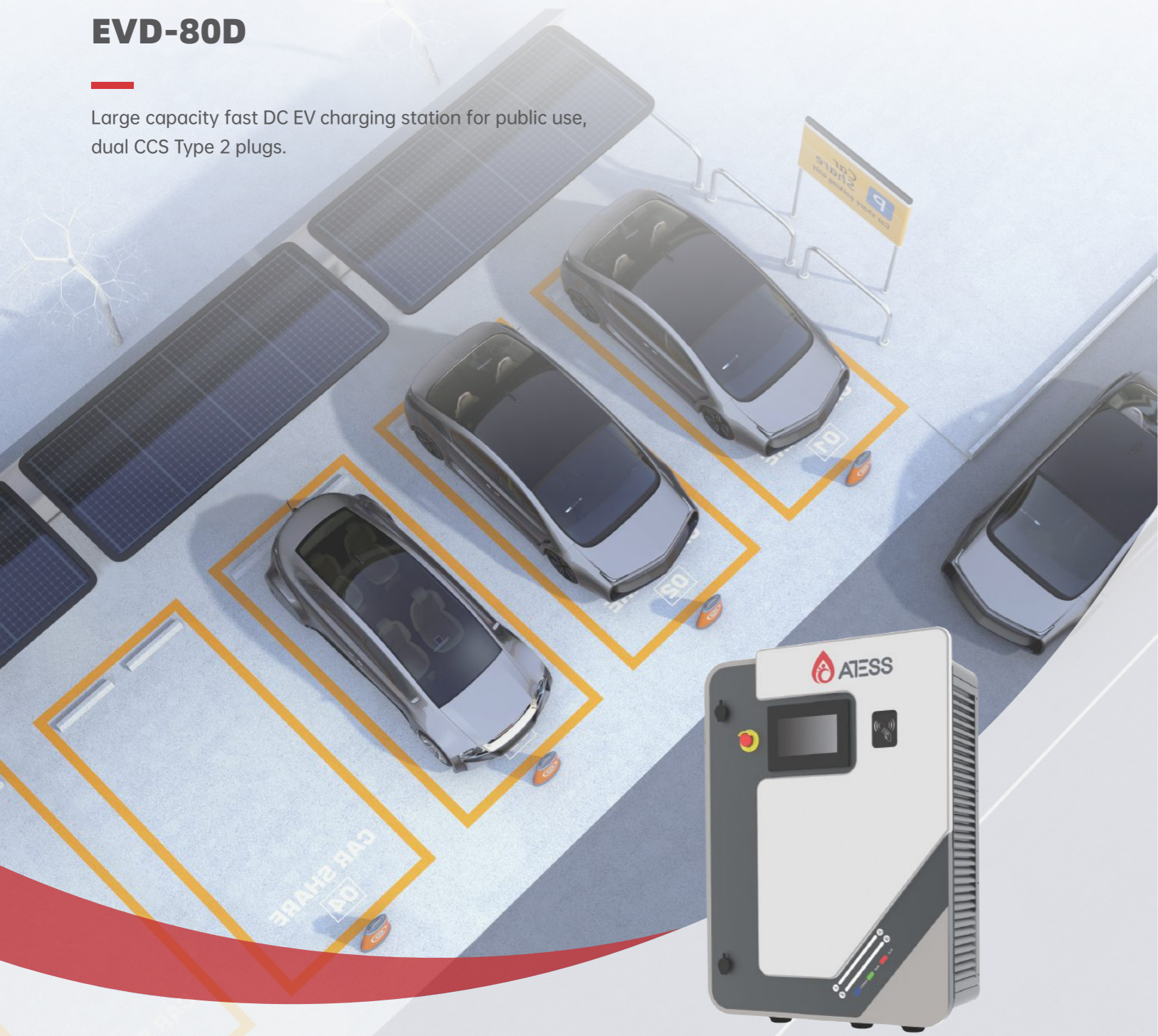| Model	EVD-40SU	EVD-40DU
Input & Output		
Rated input voltage	208/240/480 VAC	
Rated input current	110/102/51A	
AC input connection	L1/L2/L3/PE(Three phase, No Neutral)	
Rated frequency	60Hz	
DC connector type	SAE J1772 CCS1	
Output voltage Range	150-1000V	
Max.output power	37.6-40KW	
Max.output current	100A	Single output: 100A Double output: 100A
Voltage accuracy	≤±0.5%	
Current accuracy	≤±1%（at 20%-100% of rated power)	
Voltage-regulating accuracy	≤±0.5%	
Current-regulating accuracy	≤±1%	
Ripple coefficient	Peak≤±1%	
Metering accuracy	0.50%	
Efficiency	>95%	
Power factor	98%	
Cable length	16ft(5m)	
Protection		
Over voltage protection	Yes	
Under voltage protection	Yes	
Over load protection	Yes	
Over-temp protection	Yes	
Lightning protection	Yes	
Emergency Protection	Yes	
Function & Accessory		
Display	7 inch touch screen	
Ethernet/WIFI/4G	Yes/Yes/Opt	
Charging mode	APP/ RFID(Opt) /plug and charge	
Indicator	Yes	
OCPP	1.6JSON	
Working Environment		
Ingress Protection	NEMA 3R	
Operating temperature	-22°F ~+122°F	
Relative humidity	5-95% non-condensing	
Maximum altitude	6500ft(2000m)	
Cooling	Forced air	
Standby power consumption	<40W	
Noise emission	≤65db	
Mechanical		
Dimension (W/H/D)	632/858/300mm	
Weight	90kg	95kg
Certificate		
	CSA	

Features

⟨⟨•⟩⟩ Programmable charging mode

⚡ Comprehensive protection

⟨▯⟩ Multiple communication modes

7 inch touch screen

US standard

Flexible installation

EVD-80D

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

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 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
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

Features

- Programmable charging mode
- Comprehensive protection
- Multiple communication modes
- 7 inch touch screen
- EU standard
- Dual output ports

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		7 inch touch screen	
Comprehensive protection		EU standard	
Multiple communication modes		Dual output ports	

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 load protection		Yes		
Short circuit protection		Yes		
Earth leakage 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		
Indicator		Yes		
Emergency stop		Yes		
OCPP		1.6JSON		
Working Environment				
Ingress Protection		IP54		
Operating temperature		-25℃ ~+50℃		
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	263kg	279kg	294kg	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
- 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 load protection		Yes			
Over-temp protection		Yes			
Emergency 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			
Indicator		Yes			
Emergency stop		Yes			
Charging cable balancer		Yes			
OCPP		1.6JSON			
Working Environment					
Ingress Protection		IP54			
Operating temperature		-25℃ ~+50℃			
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)		1750/2100/1372mm			
Weight	625kg	640kg		655kg	670kg
Certificate					
		CE			

REVO EVD-400/480D

Large capacity fast DC EV charging station, double CCS outputs with automatic power adjustment, each output supports max. 350A 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

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	300A (Nominal), 350A (Peak)	
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 load protection	Yes	
Over-temp protection	Yes	
Emergency 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	
Indicator	Yes	
Emergency stop	Yes	
Charging cable balancer	Yes	
OCPP	1.6JSON	
Working Environment		
Ingress Protection	IP54	
Operating temperature	-25℃ ~+50℃	
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)	1750/2100/1372mm	
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

Model	EVC-AC22S/DC200D-X	EVC-AC44S/DC200D-X
Input & Output		
Input voltage range	260~450V 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 load protection	Yes	
Short circuit protection	Yes	
Earth leakage 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	
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	330kg	360kg
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.
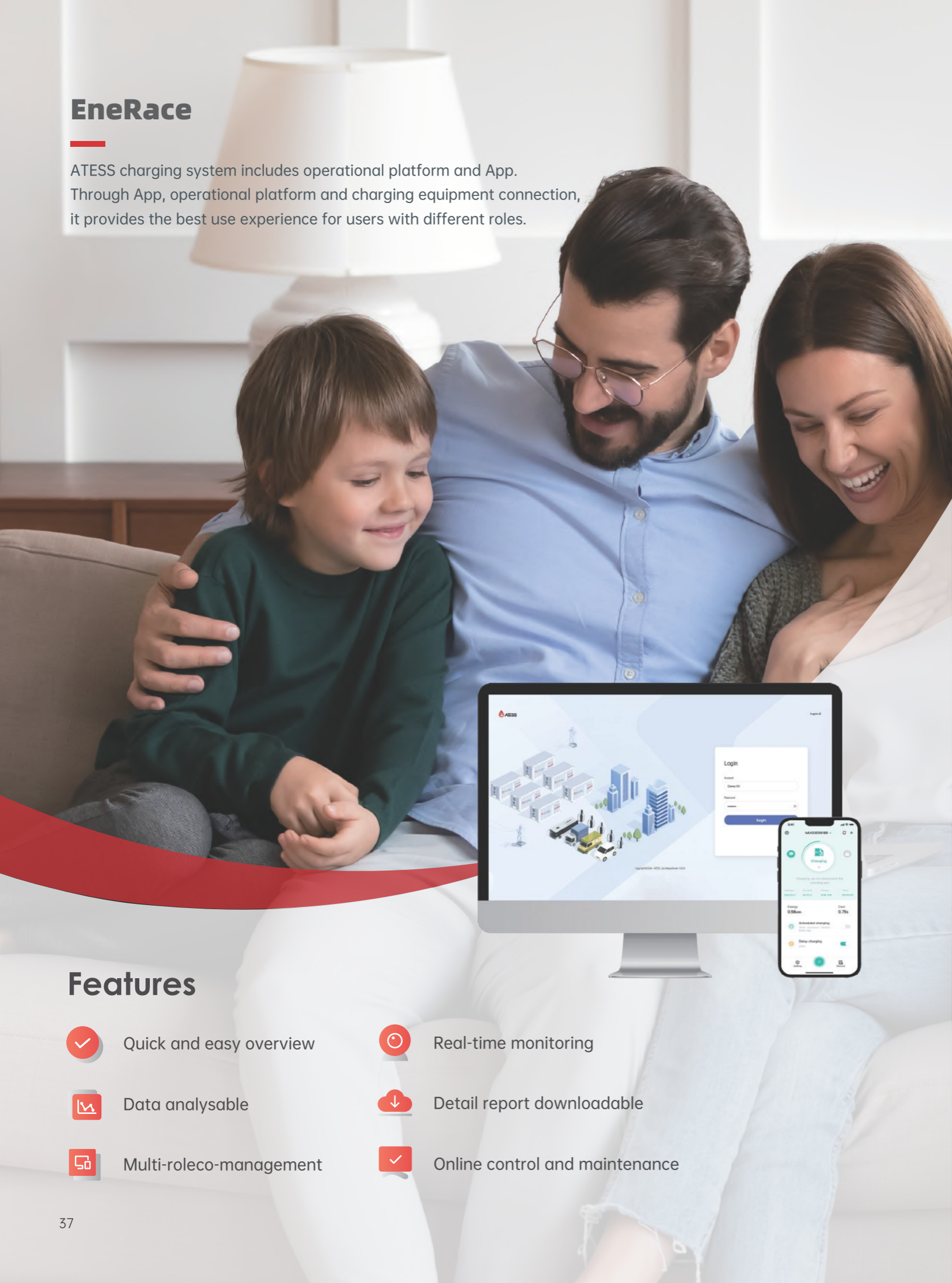
Features

- ✓ 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.

Download on the App Store GET IT ON Google Play

Accessories

Model	NOVO EVA-07/11/22S-S/P	NOVO EVA-07/09/12S-PU	NOVO EVA-07/11/22D-SEW/PEW
Mounting pole			
Dimension (W/H/D)	255/1500/154mm	255/1500/154mm	360/906.5/250mm
Weight	11kg	11kg	10kg

Model	EVD-20S	EVD-40SU/DU	EVD-80D
Mounting pole			
Dimension (W/H/D)	360/1500/260mm	500/1652/300mm	500/1652/300mm
Weight	14kg	31kg	31kg

Model	EVD-40S	EVD-40D
Mounting pole		
Dimension (W/H/D)	500/1652/300mm	
Weight	30kg	

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℃ ~ 65℃;
Storage temperature	-20℃ ~ 70℃;
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	50KW	100KW	240KW
Normal input voltage/range	400Vac 320~480Vac		
Normal input frequency/range	50/60Hz 45-55Hz/55-65Hz		
Max. detection current	150A	250A	600A
Charger max. connection number	32PCS		
Max. communication distance	RS485 shielded twisted pair cable : 500m Ethernet cable : 100m		
Dimensions(W/H/D)	400*362*160mm		
Weight	10KG		
Operating temperature	-20℃~+50℃		
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

case

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

**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

Case
Reference

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