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EV CHARGER

3SEC series

Better Electric
Better Life

SASSIN

COMPANY SUMMARY



>> Company Profile

Sassin Electric was founded in 1993, and the headquarter is located in Shanghai China. Sassin Electric has 3 sites of own factories and 3 sites of joint venture factories. Sassin Electric was certified with ISO9001, ISO14001, and products were certified with KEMA, CB, VDE, SEMKO, TUV, etc.

As a leading manufacturer in the low-voltage electrical field in China, Sassin Electric has gathered a talented team with profound electric industry background and expertise, to research and develop Sassin's uniquely designed electrical products and solutions for users in residential, commercial, and industrial fields. Sassin's mission is "Make Electric Safe, Simple, Smart ",with this mission, Sassin will pioneer and strive to provide high quality electric products, innovative Intelligent Smart Energy Management Systems to create Better Electric, Better Life for users.

Sassin brand products were exported to more than 120 countries and regions, enjoyed a good reputation in the market. Sassin has the whole production chain from design, tool making, components processing, assembly, testing and packaging so that Sassin can well control every section in production to make sure Sassin products features "high-stability and high-reliability".

Moreover, Sassin Electric has professional sales and service team, with profound international trade experience. They can communicate in English, Spanish, French, German etc. With the service philosophy of "Professional, Effective, Trust Worthy",Sassin Electric is dedicated to bringing more care, more confidence and more convenience to our clients.

COMPANY QUALIFICATION

>> Laboratory Accreditation





CNAS Laboratory Accreditation Certificate



DEKRA Certificate of Approval



TÜV Reheinland Cooperative Testing LAB

FUNCTIONS



- Flexible option： Type 1, Type2 or GB/T charging cable; Wifi,4G,Ethernet connect function; Wall-mount or Pole-mount installation; Plug & Play, RFID or APP start mode

- Secure and safe： 6mA DC residual current protection; Anti-welding protection; compre-hensive electrical protection

- Compact and fast deployment, used in parking or public charging stations in private villas, houses, communities, commercial office build-ings, city complexes, etc.

FEATURES

- 4.3” touchscreen, enable human-computer interaction, with the functions of interface display, parameter setting, charge status display, network monitoring

- The cable is made of TPU, comfortable to touch, better wear resistance and withstand high temperatures

- The plug of the EV charger with a service life of more than 10000 times, insertion force 1 (non-locking state) ＜100N



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TECHNICAL SPECIFICATIONS

model		3SEC1-7	3SEC1-22
Input	Power Supply	1P+N+PE	3P+N+PE
	Rated Voltage	220V	380V
	Rated Current	32A	
	Frequency	50/60Hz	
Output	Output Voltage	220V	380V
	Maximum Current	32A	
	Rated Power	7kW	22kW
User interface	Charge Connector	Type 1,Type2,GB/T Cable	
	Networking Mode	Wifi (default) Ethernet (optional) 4G (optional)	
	Communication Protocol	OCPP1.6J	
	Type of EV Connection	Socket version/Cable version	
	Cable Length	5m（optional,cable version)	
	Material	ABS	
	LED Display	4.3" touchscreen	
	Start Mode	Plug&Play,RFID card, APP	
	Emergency Stop	Yes	
Safety	Degree of protection	IP54	
	Impact protection	IK10	
	Electrical Protection	Over current protection,Over/under voltage protection,Residual current protection,Ground protection,Overload protection,Surge protection, Over/Under temperature protection	
	Safety Standard	IEC 61851,IEC 62196	
	Certification	CE TUV	
	Warranty	24 months	
Environment	Installation	Wall-mount/Pole-mount	
	Work Temperature	-30℃ ～ +50℃	
	Work Humidity	＜95%，non-condensing	
	Work Altitude	＜2000m	
	Storage Temperature	-40℃ ～ +80℃	
Package	Product Dimension	400*282*160mm	
	External Package	Carton	

FUNCTIONS

- Small size, light weight, easy to install and use
- Secure and safe：6mA DC residual current protection; Anti-welding protection; comprehensive electrical protection
- Compact and fast deployment, used in parking or public charging stations in private villas, houses, communities, commercial office buildings, city complexes, etc.





FEATURES

- The cable is made of TPU, comfortable to touch, better wear resistance and withstand high temperatures
- The plug of the EV charger with a service life of more than 10000 times, insertion force 1 (non-locking state) ＜100N

TECHNICAL SPECIFICATIONS

model		3SEC2-7
Input	Power Supply	1P+N+PE
	Rated Voltage	220V
	Rated Current	32A
	Frequency	50/60Hz
Output	Output Voltage	220V
	Maximum Current	32A
	Rated Power	7kW
User interface	Charge Connector	Type 1,Type2,GB/T Cable
	Networking Mode	-
	Communication Protocol	-
	Type of EV Connection	Cable version
	Cable Length	5m（optional)
	Material	ABS
	Display	1.8" LCD
	Start Mode	Plug&Play,RFID card（optional)
	Emergency Stop	Yes
Safety	Degree of protection	IP54
	Impact protection	IK10
	Electrical Protection	Over current protection,Over/under voltage protection,Residual current protection,Ground protection,Overload protection,Surge protection, Over/Under temperature protection
	Safety Standard	IEC 61851,IEC 62196
	Certification	CE TUV
	Warranty	24 months
Environment	Installation	Wall-mount/Pole-mount
	Work Temperature	-30℃ ～ +50℃
	Work Humidity	＜95%，non-condensing
	Work Altitude	＜2000m
	Storage Temperature	-40℃ ～ +80℃
Package	Product Dimension	232*148*68mm
	External Package	Carton

FUNCTIONS



- Charging station with 2 connectors
- Metal enclosure with high strength, high heat dissipation, high flame retardant properties.
- Flexible option： Type 1, Type2 or GB/T charging cable; Wifi, Bluetooth,4G connect function; Wall-mount or Pole-mount installation; Plug & Play, RFID or APP start mode
- Secure and safe： 6mA DC residual current protection; Anti-welding protection; comprehensive electrical protection
- Used in parking or public charging stations in private villas, houses, communities, commercial office buildings, city complexes, etc.

FEATURES

- 7” touchscreen, enable human-computer interaction, with the functions of interface display, parameter setting, charge status display, network monitoring
- The cable is made of TPU, comfortable to touch, better wear resistance and withstand high temperatures
- The plug of the EV charger with a service life of more than 10000 times, insertion force 1 (non-locking state) ＜100N



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TECHNICAL SPECIFICATIONS

model		3SEC3-14	3SEC3-44
Input	Power Supply	1P+N+PE	3P+N+PE
	Rated Voltage	220V	380V
	Rated Current	32A	
	Frequency	50/60Hz	
Output	Output Voltage	220V	380V
	Maximum Current	32A	
	Rated Power	14kw（7kw*2)	44kw (22kw*2)
User interface	Charge Connector	Type 1,Type2,GB/T Cable	
	Networking Mode	Wifi (default) Ethernet (optional) 4G (optional)	
	Communication Protocol	OCPP1.6J	
	Type of EV Connection	Socket version/Cable version	
	Cable Length	5m（optional,cable version)	
	Material	Metal	
	LED Display	7" touchscreen	
	Start Mode	Plug&Play,RFID card, APP	
	Emergency Stop	Yes	
Safety	Degree of protection	IP54	
	Impact protection	IK10	
	Electrical Protection	Over current protection,Over/under voltage protection,Residual current protection,Ground protection,Overload protection,Surge protection, Over/Under temperature protection	
	Safety Standard	IEC 61851,IEC 62196	
	Certification	CE TUV	
	Warranty	24 months	
Environment	Installation	Wall-mount/Pole-mount	
	Work Temperature	-30℃ ～ +50℃	
	Work Humidity	＜95%，non-condensing	
	Work Altitude	＜2000m	
	Storage Temperature	-40℃ ～ +80℃	
Package	Product Dimension	530*360*135mm	
	External Package	Carton	

FUNCTIONS



- 32” LED advertising display
- Charging station with 2 connectors
- Metal enclosure with high strength, high heat dissipation, high flame retardant properties.
- Flexible option： Type 1, Type2 or GB/T charging cable; Wifi, Bluetooth,4G connect function; Wall-mount or Pole-mount installation; Plug & Play, RFID or APP start mode
- Secure and safe： 6mA DC residual current protection; Anti-welding protection; compre-hensive electrical protection
- Used in public charging stations in houses, communities, commercial office buildings, city complexes, etc.

FEATURES

- 4.3” touchscreen, enable human-computer interaction, with the functions of interface display, parameter setting, charge status display, network monitoring
- The cable is made of TPU, comfortable to touch, better wear resistance and withstand high temperatures
- The plug of the EV charger with a service life of more than 10000 times, insertion force 1 (non-locking state) ＜100N



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TECHNICAL SPECIFICATIONS

model		3SEC4-14	3SEC4-22	3SEC4-44
Input	Power Supply	1P+N+PE	3P+N+PE	3P+N+PE
	Rated Voltage	220V	380V	380V
	Rated Current	32A	16A	32A
	Frequency	50/60Hz		
Output	Output Voltage	AC100V～240V		
	Maximum Current	32A		
	Rated Power	14kw（7kw*2)	22kw (11kw*2)	44kw（22kw*2)
User interface	Charge Connector	Type 1,Type2,GB/T Cable		
	Networking Mode	Wifi (default) Ethernet (optional) 4G (optional)		
	Communication Protocol	OCPP1.6J		
	Type of EV Connection	Socket version/Cable version		
	Cable Length	5m（optional,cable version)		
	Material	Metal		
	Display	4.3" touchscreen		
	Start Mode	Plug&Play,RFID card, APP		
	Emergency Stop	Yes		
Safety	Degree of protection	IP54		
	Impact protection	IK10		
	Electrical Protection	Over current protection,Over/under voltage protection,Residual current protection,Ground protection,Overload protection,Surge protection, Over/Under temperature protection		
	Safety Standard	IEC 61851,IEC 62196		
	Certification	CE TUV		
	Warranty	24 months		
LED panel specification	LED display	32" LED screen	Display size (scale)	698*392mm (H*V)
	Resolution	1920x1080	Display color	16.7M
	Contrast ratio	3000:01:00	Viewing angle	178°/178°
	Brightness	300/^{2}cd	Response time	5ms
	Bulit in memory	EMMC 8G	(MIBF) Reliability	60000 hours
	Maximum power consumption	≤ 160W	Standby power	＜3W
Environment	Installation	Floor-mount		
	Work Temperature	-10℃ ～ +60℃		
	Work Humidity	＜95%，non-condensing		
	Work Altitude	＜2000m		
	Storage Temperature	-40℃ ～ +80℃		
Package	Product Dimension	550*150*1600mm		
	External Package	Wooden box		

FUNCTIONS

- Smart and fast charging, high efficiency, multi-layer protection, humanized human-machine interaction, multiple charging modes to meet the charging needs of different occasions Modular configuration, safe and reliable, easy to install and maintain and expand, high fault tolerance
- Charging station with 2 connectors
- Metal enclosure with high strength, high heat dissipation, high flame retardant properties.
- Used in public charging stations in communities, commercial office buildings, city complexes, public transport etc.



FEATURES

- To meet the charging needs of various models and different powers of electric vehicle , it can be connected to any terminal electric vehicles dynamically match their required charging power; it can meet the high power requirements of electric vehicles; Avoid extra invest for equipment upgrades or rebuilding of charging stations
- Reduce energy consumption, improve the efficiency of charging modules, and make power distribution more reasonable. The power switching is more stable and the granularity is finer
- Using intelligent charging module, with high power, high efficiency, low harmonic, intelligent It has outstanding advantages such as high degree of modernization, especially suitable for high-power charging of public electric vehicles
- According to the charging demand issued by the BMS of the charging vehicle, dynamically allocate the charging power rate, thereby increasing the utilization rate of charging equipment and realizing highly integrated management.

TECHNICAL SPECIFICATIONS

model		3SEC D1-80	3SEC D1-120	3SEC D1-160	3SEC D1-240	3SEC D1-300	3SEC D1-360
Input	Power Supply	3P+N+PE					
	Rated Voltage	AC380±15%					
	Frequency	50/60Hz					
Output	Output DC Voltage Range	200～1000VDC					
	DC Output Current	0 ～ 250A (single plug)					
	Out Power	80kw	120kw	160kw	240kw	300kw	360kw
	Current Harmonics (THDI)	≤5%					
	Efficiency	≥96% （full-loading)					
User interface	Charge Connector Number	2					
	Charge Connector Type	CCS1,CCS2, CHAdeMO,GBT					
	Cable Length	5m（optional)					
	Communication Interface	Ethernet, GPRS, 4G					
	Communication Protocol	OCPP1.6J					
	Material	Metal					
	LED Display	7" touchscreen					
	Start Mode	Plug&Play,RFID card, APP					
	Cooling Method	Air-cooled					
	Emergency Stop	Yes					
Safety	Degree of protection	IP54					
	Impact protection	IK10					
	Electrical Protection	Over current protection,Over/under voltage protection,Residual current protection,Ground protection,Overload protection,Surge protection, Over/Under temperature protection					
	Safety Standard	IEC 61851,IEC 62196					
	Certification	CE					
	Warranty	24 months					
Environment	Installation	Floor Standing					
	Work Temperature	-30℃ ～ +50℃					
	Work Humidity	＜95%，non-condensing					
	Work Altitude	＜2000m					
	Noise	＜65dB					
Package	External Package	Wooden packing					

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