EV CHARGER SERIES

suntree
human technology nature

suntree
human technology nature

FOUNDED IN 2007

Suntree Electric was established on May 8, 2007, and has been focusing on new energy sector and overseas market.

SERVICE

Our mission is to provide best serviceto our customers and concentrate on building a long-term partnership

CERTIFICATION

Our Products are certified by TUV(Germany),CE, SAA,IEC,CB, international certification

DELIVERY

Products are exported to more than 150 countries and delivery fast

OUR ADVANTAGES

Building up the global sales network organization to ensure convenientand best products and service for our customers

OUR COMPANY

Suntree Electric Group Co., Ltd. is a leading global provider of solar energy and electric vehicle charger system supplier since 2007.

Mainly focuses on three sectors: "New Energy", "Smart Electricity" and "Power Grid"; Committed to providing a one-stop solution for solar system protection; Among six main brands of Suntree Group, Suntree, Shanghai Suntree and Nudy are most highlighted.

Set an extensive global network in more than 110 countries and regions, especially the Swedish distributor who has 24 branches and offices.

Bring solutions to more than 3000 customers, achieve business growth by 20%. Since Suntree Electric Group was founded, we have never stopped exploring the balance between human, nature and technology, and we have brought safe electricity to the ones you loved.

OUR TEAM

Professional . Solidarity
Principled . Be imaginative

We established a very professional team. Each of our colleague can provide you best service. If you have any question please contact us.

Our team adheres to the principle of good faith,standard and high efficiency, obtains the reputation by the high quality service, and whole-heartedly provides the high quality solution for the general customers.

PRODUCTS CATALOGUE

AC EV CHARGER SERIES

7KW
MINI EV CHARGER
01-02

7KW
EV CHARGER
03-04

11-22KW
EV CHARGER
05-06

3.5-7KW
PORTABLE EV CHARGER
07-08

14KW/22KW
DUAL OUTLET EV CHARGER
09-10

7KW/14KW/22KW
EV CHARGER
11-12

7KW/11KW/22KW
EV CHARGER
13-18

DC EV CHARGER SERIES

7KW-40KW
3IN1 SMART DC EV CHARGER
19-20

30KW-180KW
FC+VC EV CHARGER SERIES
23-24

7KW-40KW
SC HV SERIES WALL MOUNTED/COLUMN DC CHARGER
21-22
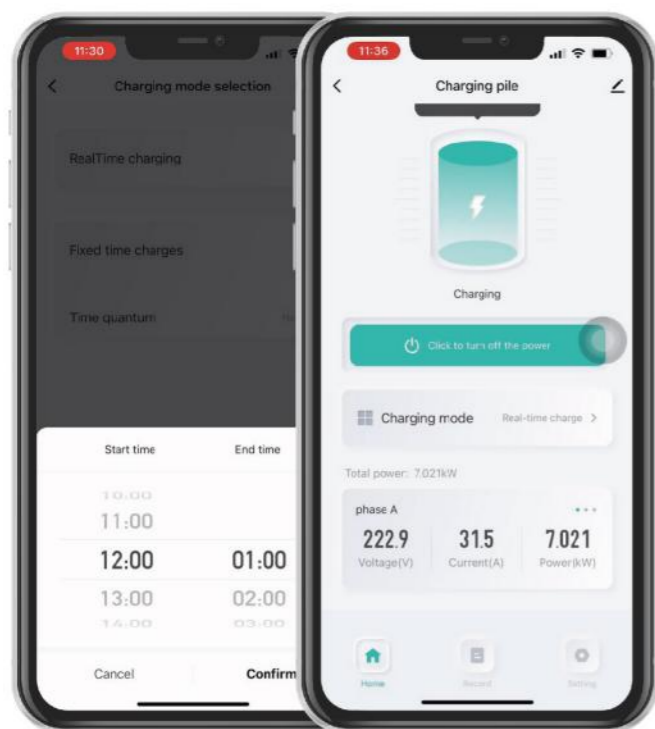
Smart APP

- The EV charger can be controlled by smart APP via WIFI and bluetooth connection:

- One to one binding EV charger by reset the password, prevent the EV charger being stolen;

- View charging data and status;

- Set up various charging configurations, charging current,etc.

- Scheduled charging;

- View historical charging records;

- Setting monthly maximum charging values;

- Firmware update;

MODEL SELECTION

Wallbox Models	XC-AC7K02	XC-AC22K01	XC-OM32G03	XC-AC3K01	XCS032A-G03
Categorization	Smart	Smart	Smart	Smart	Smart
Maximum Power	7KW	11KW/22KW	7KW	3.5KW/7KW	7KW/11KW/22KW
Input Voltage/Output voltage	AC230 1-Phase	AC380 3-Phase	AC230 1-Phase	AC230 1-Phase	AC230V 1-Phase AC380V 3-Phase
Input Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Meter	Metering Chip	Metering Chip	Metering Chip	Metering Chip	Metering Chip
Display	LED Lights	LCD display	LCD display	LCD display	LCD display
RFID	✅	✅	✅	✅	✅
Wi-Fi	✅	✅	✅	✅	✅
APP	✅	✅	✅	✅	✅
Bluetooth	✅	✅	✅	✅	✅
Over Voltage &Under Voltage Protection	✅	✅	✅	✅	✅
Emergency Stop	✅	✅	✅	✅	✅
Over Current Protection	✅	✅	✅	✅	✅
CP Signal Short Circuit Protection	✅	✅	✅	✅	✅
Over Temperature Protection	✅	✅	✅	✅	✅
Lightning Protection	✅	✅	✅	✅	✅
Contactor Adhesion Protection	✅	✅	✅	✅	✅
Protection Degree	✅	✅	✅	✅	✅
Ethernet	❌	⚪	⚪	❌	⚪
4G	❌	⚪	⚪	❌	⚪
Environment Temperature	-25℃~+75℃				
Maximun Altitude	<2000m				

✅ : Standard ⚪ : Optional ❌ : Without

7KW
MINI EV CHARGER

Wall mounted

MODEL NUMBER

EV Charger Model

XC	–	AC	7K	02
Company		**Rate of work**	**Rate of work**	**Classification number**
SUNTREE		AC：110V	7K：7KW	01
		AC：230V	11K：11KW	02
			22K：22KW	

Post mounted

INPUT VOLTAGE
SINGLE PHASE:AC230V

FUNCTION
PLUG AND CHARGE/SWIPE CARD/WIFI APP

WATERPROOF
IP55

CABLE LENGTH
5M is standard, 7-10 m is optional

RATED CURRENT
32A

CERTIFICATE
CE

DISPLAY
INDICATOR LIGHT

XC-AC7K02

7KW
MINI EV CHARGER

- European standard TYPE 2
- American standard TYPE 1

BASIC PARAMETERS

Parameter	
Working voltage	AC 230V(L1+N+PE)
Rated power	7KW
Operating current	0-32A
Frequency	50Hz/60HZ
IP Degree	IP55
Use environment	
Working temperature	-30℃-+50℃
Working humidity	5%~95%HR
The cooling way	Natural air cooling
Physical size	
Fuselage size	240*145*80mm
Installation mode	Column mounted (floor mounted) or wall mounted Install optional

Product function

Note: 4G module/Ethernet (network cable) function can be optional, scan the code to charge, scan the code to pay, contact our company (or the customer's designated platform) Mobile APP to check charging information, etc.

With swipe card start and remote stop start, with rechargeable IC card.

Convenient charging, plug and play.

With overload protection, over voltage protection, under voltage protection, short circuit protection, over temperature protection, emergency stop and other functions.

Appointment charging function, can be charged according to the user's demand, full automatic end.

History record function can query historical charging records and expense records.

Waterproof rating up to IP55, has strong waterproof performance, can choose to install outdoors, and can be used safely

Dimension

240mm	80mm	EUROPEAN STANDARD TYPE 2	AMERICAN STANDARD TYPE 1
240mm		216mm	216mm

7KW EV CHARGER

Wall mounted

MODEL NUMBER

EV Charger Model

XC	OM		32	–	G03
Company	**Standard**		**Max Current**		**Classification number**
SUNTREE	OO： EUROPEAN STANDARD TYPE2		16： 16A		G01
	OM： AMERICAN STANDARD TYPE1		32： 32A		G02

INPUT VOLTAGE
SINGLE PHASE:AC230V

FUNCTION
PLUG AND CHARGE/SWIPE CARD/WIFI APP

WATERPROOF
IP55

CABLE LENGTH
5M is standard, 7-10 m is optional

RATED CURRENT
32A

CERTIFICATE
CE

DISPLAY
4.3inch SCREEN+INDICATOR LIGHT

OPTIONAL COMMUNICATION PROTOCOL
OCPP1.6J

Post mounted

XC-OM32G03

7KW
EV CHARGER

- European standard TYPE 2
- American standard TYPE 1
- China standard GB/T TYPE

BASIC PARAMETERS

Parameter	
Working voltage	AC 230V
Rated power	7KW
Operating current	0~32A
Frequency	50Hz/60Hz
IP Degree	IP55
Use environment	
Working temperature	−40℃~+70℃
Working humidity	5%~95%HR
The cooling way	Natural air cooling
Display function	
Display parameters	Charge voltage, charge current, charge quantity, SOC, fault code.
Physical size	
Fuselage size	380*260*165mm
Installation mode	Column mounted (floor mounted) or wall mounted Install optional

Product function

Note: 4G module/Ethernet (network cable) function can be optional, scan the code to charge, scan the code to pay, contact our company (or the customer's designated platform) Mobile APP to check charging information, etc.

With swipe card start and remote stop start, with rechargeable IC card.

Convenient charging, plug and play.

With overload protection, over voltage protection, under voltage protection, short circuit protection, over temperature protection, emergency stop and other functions.

Appointment charging function, can be charged according to the user's demand, full automatic end.

Equipped with display screen to display SOC information in real time and estimate full time.

History record function can query historical charging records and expense records.

Waterproof rating up to IP55, has strong waterproof performance, can choose to install outdoors, and can be used safely

Dimension

		EUROPEAN STANDARD TYPE 2	AMERICAN STANDARD TYPE 1
260mm / 380mm	165mm	216mm	216mm

63A — 45A — 15A

63A — 25A — 32A

11KW/22KW EV CHARGER

Wall mounted

Post mounted

MODEL NUMBER

EV Charger Model

XC	–	AC	22K	01
Company		Rate of work	Rate of work	Classification number
SUNTREE		AC: 110V	7K: 7KW	01
		AC: 230V	11K: 11KW	02
		AC: 380V	22K: 22KW	

INPUT VOLTAGE
THREE-PHASE:AC380V

FUNCTION
PLUG AND CHARGE/SWIPE CARD/WIFI APP

WATERPROOF
IP55

CABLE LENGTH
5M is standard, 7-10 m is optional

RATED CURRENT
32A

CERTIFICATE
CE

DISPLAY
4.3inch SCREEN+INDICATOR LIGHT

OPTIONAL COMMUNICATION PROTOCOL
OCPP1.6J

suntree | www.suntree-china.com

XC-AC22K01

11KW/22KW
EV CHARGER

- European standard TYPE 2
- China standard GB/T TYPE

BASIC PARAMETERS

Parameter		
Working voltage	AC 380V(L1+L2+L3+N+PE)	
Rated power	11KW	22KW
Operating current	0-16A	0-32A
Frequency	50Hz/60Hz	
IP Degree	IP55	
Use environment		
Working temperature	-40℃-+70℃	
Working humidity	5%~95%HR	
The cooling way	Natural air cooling	
Display function		
Display parameters	Charge voltage, charge current, charge quantity, SOC, fault code.	
Physical size		
Fuselage size	320*220*110mm	
Installation mode	Column mounted (floor mounted) or wall mounted Install optional	

Product function

Note: 4G module/Ethernet (network cable) function can be optional, scan the code to charge, scan the code to pay, contact our company (or the customer's designated platform) Mobile APP to check charging information, etc.

With swipe card start and remote stop start, with rechargeable IC card.

Convenient charging, plug and play.

With overload protection, over voltage protection, under voltage protection, short circuit protection, over temperature protection, emergency stop and other functions.

Appointment charging function, can be charged according to the user's demand, full automatic end.

Equipped with display screen to display SOC information in real time and estimate full time.

History record function can query historical charging records and expense records.

Waterproof rating up to IP55, has strong waterproof performance, can choose to install outdoors, and can be used safely

Dimension

220mm	110mm	EUROPEAN STANDARD TYPE 2	CHINA STANDARD GB/T
320mm		216mm	216mm

63A · 45A · 15A

63A · 25A · 32A

3.5KW
7KW
PORTABLE EV CHARGER

MODEL NUMBER

EV Charger Model

XC	–	AC	3K	01
Company		**Rate of work**	**Rate of work**	**Classification number**
SUNTREE		AC: 110V	3K: 3.5KW	01
		AC: 230V	7K: 7KW	02

RATED CURRENT
32A

INPUT VOLTAGE
SINGLE PHASE:AC100V-240V

WATERPROOF
IP65

CABLE LENGTH
5M is standard, 7-10 m is optional

LEAKAGE CURRENT
Type A 30mA

DISPLAY
2.8 inch LCD+INDICATOR LIGHT

CERTIFICATE
CE

FUNCTION
PLUG AND CHARGE

XC-AC3K01

3.5KW/7KW

PORTABLE
EV CHARGER

- European standard TYPE 2
- American standard TYPE 1

BASIC PARAMETERS

Input/Output Voltage	AC100-240V
Operating current	0-16A(3.5KW) / 0-32A(7KW)
Rated power	3.5KW/7KW
Frequency	50/60Hz
IP Degree	IP65
Product size	235*92*53mm
Working Temperature	-30~50℃
Ambient Humidity	0-95% RH
Elevation	<2000m

Product function

Temperature detection function:

The working temperature of the charger can be monitored at any time. Once the safe temperature is exceeded, the charging pile will stop working and automatically resume charging when the temperature returns to normal

The smart chip can automatically fix common charging errors to ensure the stable operation of the product
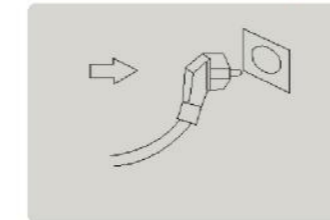
The power switch:

The rated power can be switched freely by pressing the button
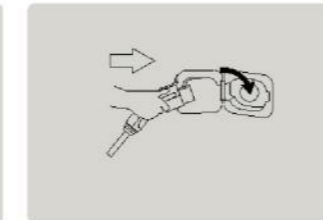
2.8-inch display screen:
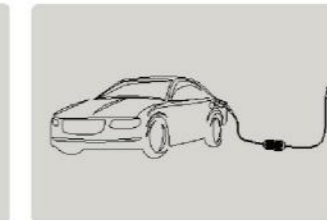
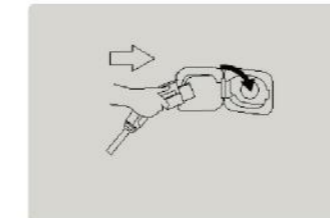Large screen could display charging data.

Installation Steps
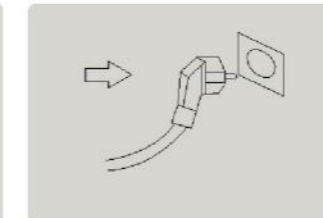
1.Insert the charging input to the power supply

2.Insert the charging plug to the charging port

3. E-cars are in normal charging state

4.After charging, pull out the charging plug

5. Unplug the charging input

6.Tidy up and put in the bags

Dimension

92mm

53mm

235mm

EUROPEAN STANDARD TYPE 2

216mm

14KW/22KW

XCAC14K-32
DUAL OUTLET EV CHARGER

MODEL NUMBER

EV Charger Model

XC	AC	14K	—	32
Company	Rate of work	Rate of work		Max Current

SUNTREE | AC: 220V | 7: 7KW | | 32: 32A
| | 14: 14KW | | 64: 64A
| | 22: 22KW | |

PRODUCT ADVANTAGES

● Automatically full: During the charging process, the charging pile can automatically complete the charging process according to the vehicle charging information.

● It communicates with the back-end monitoring system of the charging station through GPRS, uploads the working status of the charging pile, working parameters, and fault alarm information, and accepts control commands from the monitoring system to perform a remote operation.

● It can accurately estimate the connection status of the charging pile connector and the EV connector. When the charging connector is properly connected to the electric vehicle, the charging pile is allowed to start the charging process.
When the charging post detects that it is not properly connected to the electric vehicle, it can stop charging immediately and send an alarm message.

● Optional resistive touch screen, displaying clear and complete characters without defects, and can be recognized without relying on ambient light.

● It has a perfect charging protection function to prevent overcharging of the vehicle with high safety.

● With lightning protection, leakage, short-circuit, over-current, over-temperature and other protection measures.

● With protection functions such as input over/under voltage, connection abnormality, and emergency stop.

ELECTRICAL TECHNICAL REFERENCE

1. Input characteristics

Input voltage	176～264VAC	380VAC
Input current	≤64A	
Frequency	45Hz～65Hz	
Power factor	>0.99	
Input method:1-phase 3-wire	1-phase 3-wire（L+N+PE）	

2. Output characteristics

Rated output voltage	220VAC	380VAC
Rated output current	32A×2	32A×2
Rated output power	7Kw×2	11Kw×2
Efficiency	≥99%	

3. Charging configuration and protection features

Charging mode	"Auto-fill mode", "Time model", "Power mode", "Amount model"
Starting mode	Password startup/card startup/scan code startup
Display interface	Non-touch black and white display / 4.3-inch touch display
Operation method	Swipe card (scan code) button operation/touch screen operation
IP code	IP54
Standby power consumption	7W
Charging port	Single gun charging, GB/T 20234.1-2015
Length of charging gun	Standard configuration: 3M Optional: 4M, 5M, 8M, or 10M
Extension interface	Optional: GPRS
Protection function	Input over/under voltage, output over voltage, over current, short circuit, power leakage, lightning protection, emergency stop
Lightning protection	Class C lightning strike protection device

4. Environmental features

Ambient temperature	-20℃～＋50℃
Storage temperature	-40～+70℃
Relative humidity	Daily average humidity is not more than 95%, monthly average humidity is not more than 90%
Highest Altitude	≤6000m (more than 3000m need to be used at a reduced rate)
Noise	≤40dB
Heat-dissipating method	Natural cooling

5. Mechanical properties

Dimension（W*D*H）(mm)	300*113*415
Weight（KG）	14

AC CHARGING PILE 14KW/22KW

XCS032A-G03

11KW/22KW
EV CHARGER

- European standard TYPE 2

MODEL NUMBER

EV Charger Model

XC	S	0	32A	—	G03
Company	Electric Vehicle	Reserved	Max Current		Classification number
SUNTREE	S:Smart Version	Reserved	16：16A 32：32A		G01 G02 G03

BASIC PARAMETERS

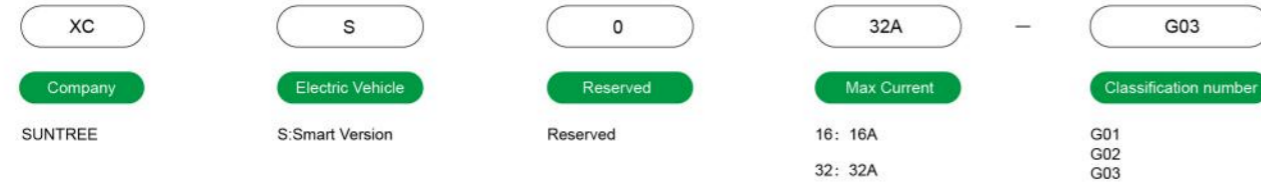| Parameter			
Working voltage	AC 230V	AC 380V	AC 380V
Rated power	7KW	11KW	22KW
Operating current	0-32A	0-16A	0-32A
Frequency	50Hz	50Hz	50Hz
IP Degree	IP65	P65	P65
Use environment			
Working temperature	-30℃-+50℃		
Working humidity	5%~95%HR		
The cooling way	Natural air cooling		
Physical size			
Fuselage size	355*250*93mm		
Installation mode	Column mounted (floor mounted) or wall mounted Install optional		
Display function			
Display parameters	Charge voltage, charge current, charge quantity, SOC, fault code.		

Product function

Note: 4G module/Ethernet (network cable) function can be optional, scan the code to charge, scan the code to pay, contact our company (or the customer's designated platform) Mobile APP to check charging information, etc.

With swipe card start and remote stop start, with rechargeable IC card.

Convenient charging, plug and play.

With overload protection, over voltage protection, under voltage protection, short circuit protection, over temperature protection, emergency stop and other functions.

Appointment charging function, can be charged according to the user's demand, full automatic end.

Equipped with display screen to display SOC information in real time and estimate full time.

History record function can query historical charging records and expense records.

Waterproof rating up to IP65, has strong waterproof performance, can choose to install outdoors, and can be used safely
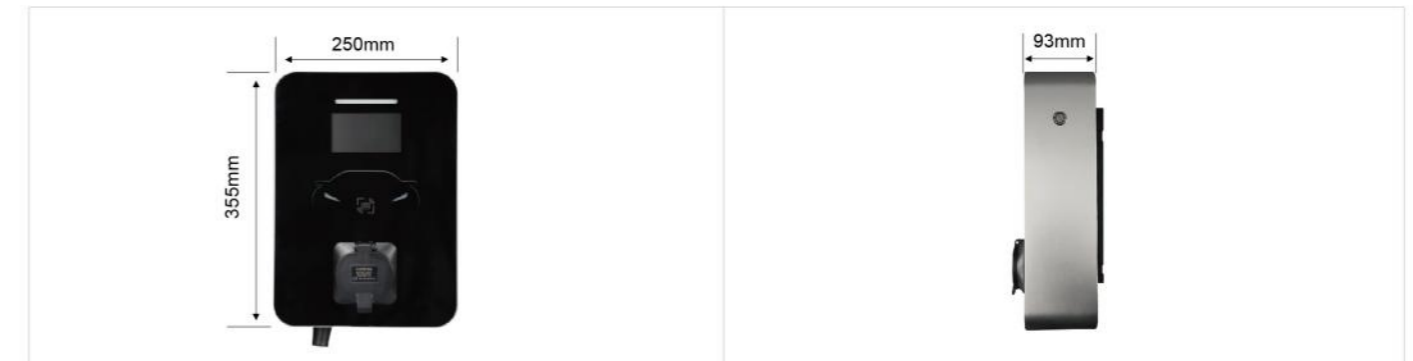
Dimension

250mm

93mm

355mm

63A

45A   15A

63A

25A   32A

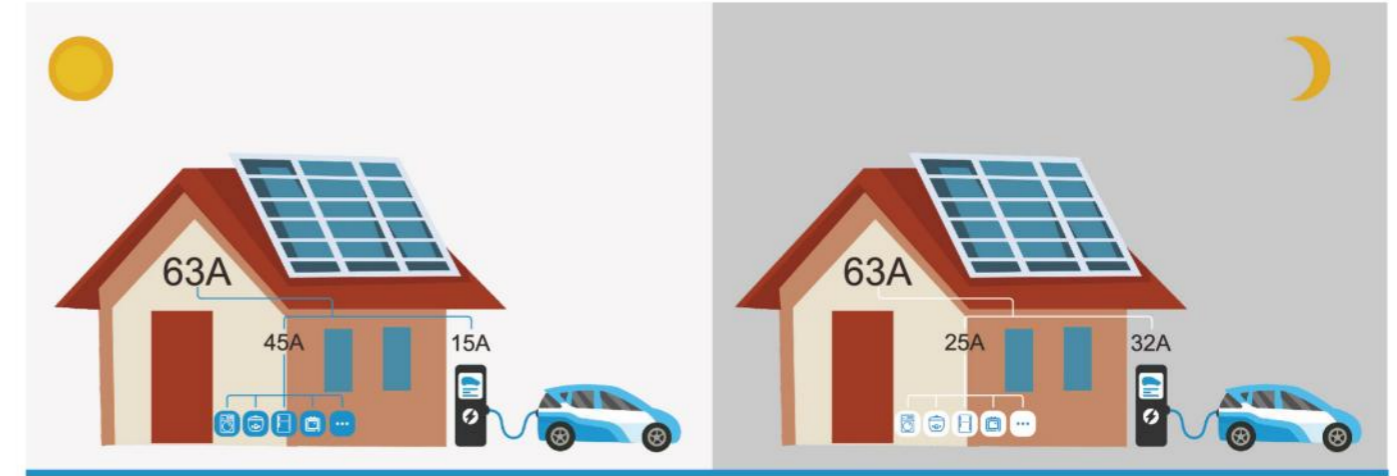## EV Charger

Product Application

 AEA Series EV chargers have an IP65 patented designcase for outdoor and indoor use.

 The type 2 (IEC 62196-2) charging connector makes highly flexible and compatible with all electric vehicles.

 Plug and start to charge automatic.(RFID card for option)

 The EV charger output power can be adjusted from 6A all the way up to 32A.

 DLB for PV and homeuse

Select Code

Code	Name	Description
1	XC	Company code
2	9/3/4/7	Input Voltage Range: 9:90-265V 3:380V 4:260-475V 7:260-750V
3	7/11/14/20/22/30/40 60/80/120/180	Charging power 7KW/11KW/20KW/22KW/30KW/40KW 60KW/80KW/120KW/180KW
4	S/D/T/N	S:single outlet D:dual outlet T:three outlet N:without outlet
5	DC/AC	Type: Input/Output DC Input/Output AC
6	A	Supplier Code:A
7	W/P/M/S	Installation method: W:Wall-mounted/column-mounted P:Portable M:Movable S:Floor-mounted
8	E/A/G/J	E:Typ 2 A:Typ 1 G:GB J:JP

※ Notes:
Smart Version:APP Function, Wifi+Bluetooth Funtion
Smart Verson with DLB :APP Function, Wifi+Bluetooth Funtion ,DLB Function

Technical Data

Datasheet	Model	XC97SACAW-E	XC311SACAW-E	XC322SACAW-E
Input	Power Supply	Single Phase	Three Phase	Three Phase
	Rated Voltage	220V~240V AC	380V~400V AC	380V~400V AC
	Rated Current	32A	16A	32A
	Frequency	50/60Hz	50/60Hz	50/60Hz
Output	Output Voltage	220V~240V AC	380V~400V AC	380V~400V AC
	Maximum Current	32A	16A	32A
	Maximum Power	7kW	11kW	22kW
User Interface	Charge Connector	Type 2 Cable or Type 2 Socket		
	Cable Length	5m		
	Appearance Material	ABS+PC		
	LED Light	Green/Yellow/Red		
	RFID Reader	Mifare ISO/IEC 14443A(Max 5)		
	Startup Mode	Swipe card to use/APP		
Communication	External Communication	Wi-Fi 2.4G/Bluetooth		
Other Parameters	Leakage protection	6mA DC		
	other production	Over Voltage、Over Frequancy、Overload Protection, etc		
	IP level	IP65		
Environment	Temperature	−30℃~+50 ℃		
	Humidity	5%~95%		
	Altitude	<2000m		
Package	Dimension	315*163*92 mm (H*W*D)		
	Package Dimension	434*324*210mm (L*W*H)		
	Gross Weight	3. 6kg		
	Net Weight	4. 0kg	4. 1kg	4. 1kg

EV Charger

Functions Explain

Dynamic Load Balancing

JH_EMAM   JH_EMCM

● DLB (Dynamic Load Balancing) is available in the AEA series AC EV Charger for home use, when the EV charger is working with other household appliances at the same time, the DLB box can maintain the dynamic balance of the total household current and ensure the safety of electricity to avoid home over load.

● Set the Max current value of the main line on the DLB box. The charger will read this current value and automatically adjust the charging current (6A-32A) according to the idle load quota, so that the total household current will not be overloaded due to charging. This function can effectively use the power supply without providing additional power for the charging or home line update.

RFID(Radio Frequency Identification Card)

RFID card reader enabled to start up charging function while approaching the swipe area.
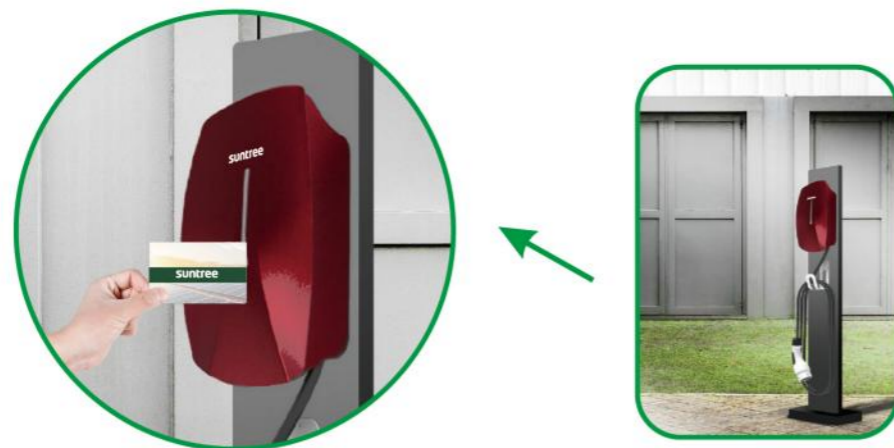
Smart APP
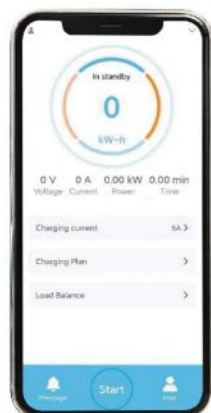
● The EV charger can be controlled by smart APP via WIFI or bluetooth connection:
● One to one binding EV charger by reset the password, prevent the EV charger being stolen;
● View charging data and status;
● Set up various charging configurations, charging current,DLB mode,etc. Scheduled charging;
● View historical charging records;
● Setting monthly maximum charging values;
● Hardware update.

Model Selection
7kW 1-Phase

Wallbox Models	7T	7T	7S	7S
Categorization	Normal Mode	Smart Version	Normal Mode	Smart Version
Maximum Power	7kW			
Input Voltage /Output voltage	AC230 1-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	◯	◯	◯	◯
DLB	◯	◯	◯	◯
Wi-Fi	◯	◯	◯	◯
APP	◯	◯	◯	◯
Bluetooth	◯	◯	◯	◯
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25℃~+55℃			
Maximun Altitude	<2000m			

✓ : Standard   ◯ : Optional

EV Charger

Model Selection
11kW 3-Phase

Wallbox Models	11T	11T	11S	11S
Categorization	Normal Mode	Smart Version	Normal Mode	Smart Version
Maximum Power	11kW			
Input Voltage /Output voltage	AC400 3-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	○	○	○	○
DLB	○	○	○	○
Wi-Fi	○	○	○	○
APP	○	○	○	○
Bluetooth	○	○	○	○
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25℃~+55℃			
Maximun Altitude	<2000m			

✓ : Standard　○ : Optional

Model Selection
22kW 3-Phase

Wallbox Models	22T	22T	22S	22S
Categorization	Normal Mode	Smart Version	Normal Mode	Smart Version
Maximum Power	22kW			
Input Voltage /Output voltage	AC400 3-Phase			
Input Frequency	50/60Hz			
Meter	Metering Chip			
Display	LED Lights			
RFID	○	○	○	○
DLB	○	○	○	○
Wi-Fi	○	○	○	○
APP	○	○	○	○
Bluetooth	○	○	○	○
Over Voltage &Under Voltage Protection	✓	✓	✓	✓
Over Current Protection	✓	✓	✓	✓
CP Signal Short Circuit Protection	✓	✓	✓	✓
Over Temperature Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Protection Degree	IP65	IP65	IP55	IP55
Environment Temperature	-25℃~+55℃			
Maximun Altitude	<2000m			

✓ : Standard　○ : Optional

suntree

3IN1 SMART DC EV CHARGER

3IN1

·The Special Replaceable Socket Can Realize Multi Charging Of One Machine. By Replacing The Charging Gun, Can Change Free between ccs/chademo/gbt,realizeone Machine Can charge All over the world.
·High Protection Level Ip44, Can Be Used Outdoors Without Fear Of Wind And Rain
·Anti-collision Grade Ik8, Not Afraid Of External Force Collision.
·Ce Certification, Safe And Reliable.
·4.3inch Touchable Screen, Intelligent Human-machine Interface.
·Can Equip With Ocpp Function, Remote Control, Reservation Charging, Payment Charging And More functions etc.
·Multi Network Connection Method: Lan/wifi/4g Module.

Heavy duty connector Replaceable charging gun of different standard

·Replaceable socket/replacement charging gun
·Realize CCS/CHADEMO/GBT Freeswitching
·All at once

CHAdemo   CCS1

CCS2   GB/T

MAIN PARAMETER

Model	XC97SADMSW-AEG	XC415SADMXM-AEG	XC420SADMXM-AEG	XC430SADMXM-AEG	XC440SADMXM-AEG
Input voltage	90-265V	260-475V			
Input Connection	L+N+PE	3P+N+PE			
Input Current	32A	25A	32A	45A	64A
Frequency	50/60Hz				
Power Factor	>0.99@FULL LOAD				
Efficiency	95%				
Output Voltage	200-750V (200-1000V optional)				
Output Power	7KW	15KW	20KW	30KW	40KW
Output Current	20A	25A/37A	33A/60A	50A/100A	66A/120A
TFT-LCD Touch Panel	4.3-inch display				
Auxiliary source	12V(24V optional)				
Dimension(mm)	635×295×500				
Weight	20KG	25KG	40KG	50KG	60KG
Operating Temperature	-20℃~+50℃				
Altitude	2000M				
IP LEVEL	Ip44				
ANTI-COLLISION CLASS	IK8Up				
Input cable length	3M (CUSTOMIZED ACCEPTABLE)				
Gun cable Length	5M(CUSTOMIZED ACCEPTABLE)				
Applicable standard	GBT20234 / EN62196 / EN61851-1,JEVSG 105 / CHADEMO				
Communication protocol	GBT27930/CHADEMO 2.0/DIN 70121,OCPP 1.6 (JSON),ISO 15118				

SC HV SERIES
WALL MOUNTED/COLUMN DC CHARGER

Rich configuration

·Home version: It can be configured with plug and charge, swipe card and password, and charge by appointment.
·Online version: swipe card, VIN code, scan code of wechat and Alipay, mobile APP, mini program, etc.
·OCPP can be configured for foreign versions.

Patent design

·Unique patented technology, which can meet the high protection level for outdoor use and make the product loose
·Heat is more efficient and product performance is more stable and reliable.
·Fashion patented appearance design, small and thin products.

Widely used

·Can be used for home or business.
·Moderate charging speed,0.5~2C, ideal charging choice that takes into account charging speed and battery life.
·Can be wall hanging and column, flexible application situation.
·Simple and convenient installation, small impact on the power grid.

Safe and reliable

·Protection grade up to IP54, moisture-proof, water-proof, mildewproof, dustproof and flame retardant.
·With over and under voltage, overload, short circuit, leakage, battery anti-reverse connection and other protection functions.

CHAdemo | CCS1
CCS2 | GB/T

MAIN PARAMETER

Model	XC97SADMSW-E	XC415SADMSW-E	XC420SADMSW-E	XC430SADMSW-E	XC440SADMSW-E
Input voltage	90-265V	260-475V			
Input Connection	L+N+PE	3P+N+PE			
Input Current	32A	25A	32A	45A	64A
Frequency	50/60Hz				
Power Factor	>0.99@				
Efficiency	95%				
Output Voltage	200-750V (200-1000V optional)				
Output Power	7KW	15KW	20KW	30KW	40KW
Output Current	20A	25A/37A	33A/60A	50A/100A	133A
TFT-LCD Touch Panel	4.3-inch display				
Auxiliary source	12V(24V optional)				
Dimension(mm)	545×380×170			645×454×170	721×475×232
Weight	20KG	30KG	35KG	45KG	64KG
Operating Temperature	-20°C-50°C(Derating higher than 50°C)				
Altitude	2000M				
IP LEVEL	Ip54				
Humidity	5%-90%RH, no condensation				
Input line length	0M(CUSTOMIZED ACCEPTABLE)				
Gun cable Length	5M(CUSTOMIZED ACCEPTABLE)				
Applicable standard	GBT20234/EN62196/EN61851-1,JEVSG 105/CHADEMO				
Communication protocol	GBT27930/CHADEMO 2.0/DIN 70121,OCPP 1.6 (JSON),ISO 15118				

FC+VC SERIES

Main characteristics

·Low standby power consumption, the standby power consumption of the whole machine is less than 5w, reducing operating costs;
·Wide output voltage range, 200V~750V, applicable to more models;
·Compatible with DC input, wider application scenarios;
·High power density, smaller volume and smaller footprint;
·Reasonable air duct design ensures that the temperature difference between inside and outside the inlet is less than 3 degrees;
·Perfect safety protection, disconnect AC side when emergency stop, more reliable;
·Flexible UI customization, which can customize UI interface style according to customer needs;

Double gun custom combination arbitrary collocation

·Optional screen language interface (China, UK, Russia, France, Germany)
·Connect with the background of cloud fast charging to realize commercial operation
·Connect to OCPP/cloud fast charge
·OEM+ODM
·Support the operation of scanning code and swiping card

CHAdemo

CCS2

CCS1

GB/T

MAIN PARAMETER

Model	XC430DADMVS–EJ	XC440DADMVS–EE	XC460DADMVS–EE	XC460DADMFS–EE	XC4120DADMFS–EE	XC4150DADMFS–EE	XC4180DADMFS–EE
In putvoltge	AC380V±20%						
output voltag	200–750V (200–1000V optional)						
Input Current	45A	60A	95A	95A	190A	230A	285A
Output Current	100A	120A	200A	0–200A	0–250A		
Freq uency	40–60Hz						
Rated power	30KW	40KW	60KW	60KW	120KW	150KW	180KW
Gun quantity	2						
Charging way	Quick or Slow charge automatic switch						
charging mode	SWIPE CARD, APP. MANUAL						
Lable leggth	5M						
Interface	7"COLOR TOUCH SCREEN+IC CARD CONTACLESS CARD READER						
Network con nection	Standard configuration：CAN/485/Ethernet Selective configuration：GPRS/4G						
Size (mm)	1350×690×240		1750×620×780				
Weight	100KG		200KG	230KG	310KG	310KG	
Temperature	–20℃～+50℃						
Altitude	2000M						
IP LEVEL	IP54						
Humidity	5%~90%RH,non-condensiong						
Inputcable length	0M(CUSTOMIZED ACCEPTABLE)						
Cable Length	5M(CUSTOMIZED ACCEPTABLE)						
standard	GBT20234/EN62196/EN61851–1,JEVSG 105/CHADEM O						
Protocol	GBT27930/CHADEMO 2.0/DIN 70121,OCPP 1.6 (JSON),ISO 15118						