



USC EV Professional Charging Solution

Technical Data

COMMERCIAL WALLBOX

ACE1-230V/32A

ACE1-400V/32A

Overview

ACE1 series AC charging station is designed for public use, applications for IEC 62196 TYPE2 (also called Mennekes) standard ac charging. The charger with light weight and small design, it can application for various commercial places. IP65 protection, sturdy and durable for both indoor and outdoor application. What's more it can easily configure the power from 3.5KW to 22KW by touch screen. And Charger with OCPP 1.6 protocol, it can easy integrate to ev charging network and achieve remote control and manage.

Standard Features

- OCPP1.6 (Jason) , 4G/Wifi / Ethernet support
- Leakage protection RCD TypeA: 30ma+6ma DC
- MID Certificated meter
- Output current 6A or 32A configurable
- Single phase & Three phase configurable
- 8 aspect fully safety protection, protect the users.
- More then 15years long design life
- IP 65 Protection Level, install both indoor and outdoor
- Charging all EU market iec62196 type2 Evs
- CE Certificated. Comply IEC62196-2 and IEC61851-1 standards

Optional features

- Customized Brand Painting
- Floor-Stand Pile for option
- Socket model & Plug model option



NOTE

1. The above image for reference only, It shown cable type only. Universal Socket type for optional.
2. For socket type, it is universal IEC 62196 .

ADVANTAGES

- 1-The product is designed in strict accordance with IEC61851-1 standard. And In line with industrial design requirements, the internal components are laid out reasonably, the internal wiring is neat, effective heat dissipation. protect the charging process.
- 2-Integrated to EV charging network with the help of ocpp.
- 3-Real-time monitoring from voltage,current, temperature, etc...Dynamically adjusted output parameter, protect the charging process and EV battery.

Technical Data

Description	Type	Commercial /Home AC Chargers		
	Model	SK-ACE1-230V/32A(CE)	SK-ACE1-400V/32A(CE)	SK-ACE1-400V/32A(CE)
Input	Rated Voltage	1P+N + PE; 230VAC ± 15%	3P+N + PE; 230VAC ± 15%	3P+N + PE; 230VAC ± 15%
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz
	Rated Current	32A (6-32A adjustable)	16A (6-16A adjustable)	32A (6-32A adjustable)
	Rate Power	7KW	11KW	22KW
HIM Interface	Charging interface	①Type 1 Plug+3.5m ②Type 2 Plug+3.5m ③Type 2 Socket	①Type 2 Plug+3.5m ②Type 2 Socket	①Type 2 Plug+3.5m ②Type 2 Socket
		Note: Cable length can be customized		
	Display	4.3 inch LCD Touch screen +LED Light		
	Meter	MID Certificated Energy Meter		
	RCD Protection	RCD TypeA: 30mA + DC 6 mA (Equal to RCD TypeB Function)		
OCPP	Ocpp Version	OCPP 1.6J Protocol		
	Internet	WiFi (2.4GHz) / Ethernet (RJ-45 interface) /4G option		
Start / Stop	Local Charge	YES, Plug and Charging support		
Charging method	RFID Card Reader	YES,RFID start/stop charging support		
	Remote Control	YES, Phone App Control support		
Others	IP Protection	IP65 (Indoor and Outdoor Installation)		
	Operating	Operating temp:-25~55°C ; Storage temp:-40~70°C; 5% ~ 95%, non-condensation		
	Dimensions	300(W) x 150(D) x 410(H) mm		
	Certification	CE Certification		
	Protections	Surge protection, over temperature protection, over/under voltage protection, over current protection, ground protection...		
Option Parts	Install Parts	Floor install pile / Nayax Credit Card Reader		
	Charging cable	Type2 to Type2 cable / Type2 to Type1 cable (use with type2 socket charger)		
	Socket Type	Type2 Shutter socket		
	Brand Service	Brand customized service		