

AC EV Charger

ORAC-22-WL-81

Features:

- Support OCPP1.6J version
- Main components are CE certified.
- Support dynamic load balancing function.
- 5 inch LCD touch-screen.
- Support RFID and POS machine payment (optional).
- Easy to install, can be installed anywhere.



Specifications

Model	ORAC-22-WL-81
Output Rating&Current	Single Phase:7kW/32A Three Phase : 11kW/16A;22kW/32A
Input Rating&Current	Single Phase:7kW/32A Three Phase : 11kW/16A;22kW/32A
Input Voltage	400VAC±10%
Output Voltage	400VAC±10%
Stand-by Power	<2W
Charging Outlets	Single Outlet(IEC 62196 Type2), Bottom Inlet Wiring, Bottom Outlet Wiring
Protection	Over/under voltage protection, Overload Protection, Current Leakage Protection, Lightning Surge Protection,Over Temperature Protection,Communication Interference Interruption Protection and Reset, Destruction Alarm
Earth Leakage Protection	Type B
Special Protection	Anti-UV protection
Measuring Accuracy	Class 0.5
User Interface	
Connectivity	Mandatory: Ethernet; Optional: WIFI /4G/ PoS
User Authentication	APP or RFID Card
User Interface	5inch LCD Touch Screen/Emergency Stop Button/LED Indicator
Platform Protocol	OCPP1.6J
Software Update	OCPP
General Characteristics	
IP&IK	IP55/IK10
Operating Altitude	<2000m
Operating Temperature	-30°C~+55°C
Working Humidity	5%~95% Without Condensation
Cooling	Forced-air Cooling
Mounting	Wall Mounted
Dimensions	300*470*185mm
Weight	≤16kg
Cable Length	≥5m
Shell Material	PC+Glass
Certification and Standards	
Charging Standard	IEC61851-1;IEC61851-21-2

specifications are subject to change without further notice

Communication Specifications

Wi-Fi	
Module	Espressif ESP32
Operating Frequency Range	2400-2483.5MHz
Operating Frequency /Channels / Protocol	2.4GHz Wi-Fi:2412-2472MHz, 13CHs, 802.11b/g/n20, 2422-2462MHz, 9CHs, 802.11n40
Channel Spacing	20MHz, 40MHz
Modulation	DSSS (DBPSK, DQPSK, CCK),OFDM (BPSK, QPSK, 16QAM, 64QAM)
Antenna Number	1
Antenna Type	PIFA antenna
Antenna Gain	3.4dBi.
EIRP TX power	19.92dBm
Transmitting Duty Cycle (%)	Nearly 100%
FCC ID	2AC7Z-ESP32WROVERE
CE certificate	EN 300-328
RFID	
Module	Mingte Mifare
Operating Frequency	13.56 MHz
Modulation	ASK
Channel Number	1 channel
Antenna Type	loop antenna
H-Field transmit power	-34.65 dB μ A/m @10m
CE certificate	EN 300-330
LTE (Optional)	
Module	Quectel EG25
LTE Bands	FDD B1, B3, B5, B8
Antenna Type	external 4dBi
FCC ID	2ATM8EG25G
CE certificate	EN 301-908

AC EV Charger

ORAP2x-22-81 / ORAP2x-44-81

Singl cable & gun or socket for 7/22/43kw
 Duble cable & gun or socket for 2*7/22/43kw

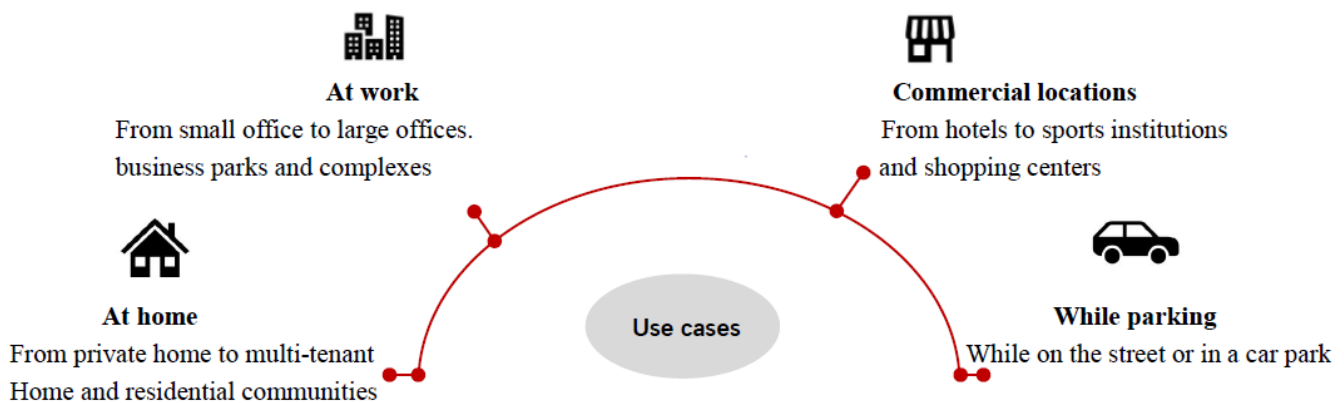
Features:

- Type B RCD
- OCPP1.6J
- 5 Inch touch screen
- All components come with CE certificate
- RFID&Credit card payment.
- MID meter
- APP operation
- Ethernet&Wifi&4G
- Remote monitor & appointment & diagnosis & upgrade



Applications

provides tailored, intelligent and networked charging solutions for any business, home or location



Additional Accessories for Options

- 1、 Customized cable length.
- 2、 Customized Box color and customized logo
- 3、 PEN detection(For UK market)

Specifications

Model	ORAP2x-22-81 / ORAP2x-44-81	
Product Information	Input Power Rating & Current	Single phase: Type2:7kw/32A, per cable Three phase : Type2:11kw/16A;22kw/32A;43kw/63A, per cable
	Output Power Rating & Current	Single phase: Type2:7kw/32A Three phase: Type2:11kw/16A;22kw/32A;43kw/63A
	Input Voltage & Frequency	Single phase:230VAC±10%Three phase:400VAC±10%50 / 60 Hz
	Output Voltage & Frequency	Single phase:230VAC±10%Three phase:400VAC±10%50 / 60 Hz
	Standby Power	<60W
	Charging Outlets	Double CCS2 Bottom inlet wiring, up outlet wiring
	Standby Power	<2w
	Charging Outlets	Single/double (Type2)
	Protection	Overvoltage/undervoltage protection, Overload protection, Leakage protection, Overcurrent protection
	Earth Leakage Protection	Type B :30mA AC and 6mA DC
	Special Protection	Anti-UV protection
Measuring Accuracy	Class 1	
User Interface	Connectivity	Ethernet&Wifi&4G
	User Authentication	APP or RFID card
	User Interface	5 inchLCDtouchscreen/Emergency Stop/LED indicator/RFID
	Protocols	OCPP1.6J+
	Software Update	OCPP 1.6,web portal
General Characteristics	IP and IK Rating	IP54
	Operating Altitude	<2000m
	Operating Temperature	-30°C~+55°C
	Working Humidity	5%~95%
	Cooling	Natural air cooling
	Mounting	Floor stand
	Dimensions	H1630*W280*T400mm
	Weight	53kg
	Cable Length	≥4.2m(External line)
Shell Material	Sheet metal	
Certification And Standards	Standard	EN/IEC 61851-1:2019 EN/IEC 61851-22:2002 EN/IEC 61000-6-3 : 2007+A1:2011 EN/IEC 61000-6-1:2019

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