

AC EV Charger

ORA011-CWL-82 / ORA011-SWL-82

Innovative

- Type 2 cable/ Type 2 socket
- Wall-mount/ Floor-stand
- Three enclosure colors
- Start modes: RFID / Plug&Play / App

Intelligent

- Multi communications (WiFi / 4G / Ethernet)
- App charging scheduling
- Load balance
- PV compatible
- Current adjustable
- Bluetooth

Secure and Safe

- 30mA Type A+ 6 mA DC residual current protection
- Relay-Sticking protection
- Optional PEN-Fault protection

Flexible

- Multi-color RGB light indication
- Ergonomic and user-friendly enclosure design
- T2S socket (optional)
- Auto-switch between 1 Phase and 3Phase (<6A)



Specifications

Model	ORA011-CWL-82 / ORA011-SWL-82	
Input	Power Supply	3P+N+PE
	Rated Voltage	400VAC
	Rated Current	16A
	Frequency	50/60Hz
Output	Output Voltage	400VAC
	Maximum Current	16A
	Output Power	11kW
User Interface	Charge Connector	Type 2 cable (Type 2 socket optional)
	Cable Length	5m
	Housing Material	Plastic PC940
	LED Indicator	Green/Yellow/Red
	RFID Reader	Mifare ISO/IEC 14443 A
	Start Mode	Plug&Play/RFID card/App
Communication	WiFi	WiFi (2.4GHz)
	4G	Optional
	Bluetooth	Yes
	Ethernet	Yes
	ESIM	Optional
	Optional	OCPP1 .6 Json (OCPP2.0 upgraded)
Security and Safety	RCD	30mA + 6mA DC detection
	Ingress Protection	IP65
	Impact Protection	IK10
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE/CB
	Certification Standard	IEC 61851-1:2019 IEC 62955:2018 IEC 61851-21-2:2018 IEC 62196
	Warranty	2 years
Environment	Installation	Wall-mount/Pole-mount (Optional)
	Work Temperature	-30°C-+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	344*201*100mm(H*W*D) Cable 344*201*135mm(H*W*D) Socket
	Package Dimension	440*340*240mm(L *W*H) Cable 400*250*210mm(L*W*H) Socket
	Net Weight	3.5kg
	Gross Weight	4.1kg
	External Package	Carton
WiFi	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
	Extreme Temperature Range	-30°C ~ +50 °C
	Modulation	DSSS (DBPSK, DQPSK, CCK), OFDM (BPSK, QPSK, 16QAM, 64QAM)
	Type of Product	Adaptive equipment and does not support non-adaptive mode; LBT based Detect and Avoid (load based equipment)
	Antenna Number	1
	Antenna Type	PIFA antenna
	Antenna Gain	3.4dBi.
	Operation Voltage	230Vac, 50/60Hz
	EIRP TX power	19.92dBm
	Transmitting Duty Cycle (%)	Nearly 100%
	FCC ID	2AC7Z-ESP32WROVERE
CE EN 300-328 certificate	Yes	
RFID	Operating Frequency	13.56 MHz
	Type of Modulation	ASK
	Channel Number	1 channel
	Antenna Type	loop antenna
	Antenna Gain 0. dBi	0. dBi
CE EN 300-330 certificate	Yes	

*Product specifications are subject to change without further notice