

11/22kW AC EV Charger Series for Residential Scenarios

Appearance







Features

Intelligent & Efficient

Smart charging and flexible configuration
Smart authentication, plug&charge/RFID card/App management
Smart load management

Flexible & Convenient

Wi-Fi, Bluetooth, 4G, Ethernet, RS485 connectivity
Easy-to-install and commissioning
Scheduled charging at anytime and anywhere
Remote diagnosis & OTA

Secure & Reliable

EMC Class B
IP65 protection
Build in RCD
Rich hardware and software protection
Long life design
Automotive-grade process and materials

Specification

	EVAC1-11K-C-EU	EVAC1-22K-C-EU	EVAC1-11K-C-UK	EVAC1-22K-C-UK
Input				
Grid Connection	3W+N+PE		3W+N+PE	
Voltage Range	400Vac ± 15%		400Vac ± 10%	
Maximum Current	16A	32A	16A	32A
Rated Frequency	50Hz	50Hz	50Hz	50Hz
Output				
Voltage Range	400Vac ± 15%		400Vac ± 10%	
Maximum Current	16A	32A	16A	32A
Maximum Power	11kW	22kW	11kW	22kW
System				
Charging Connector	IEC 62196 Type 2 Cable			
Cable Length	5m (7.5m Optional)			
Housing Material	PC + ASA			
Indicator	LED			
RFID Reader	ISO 14443A / ISO 14443B			
Authorization Mode	Plug & Charge / RFID card / App			
Communication	Wi-Fi 2.4GHz, Bluetooth 4.2, FE 100Mbps, RS485, 4G(Optional)			
Protocol	OCPP 1.6J, OCPP2.0.X (Optional)			
Safety				
RCD	Type A + 6mA DC			
Ingress Protection Rating	IP65			
Impact Protection	IK10			
Protection	Over Current Protection, Residual Current Protection, PME protection[1], Ground Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection			
Certification	CE		UKCA	
Certification Standards	EN IEC 61851-1 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311		EN IEC 61851-1, BS 7671 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311	
Warranty	2 years			
Dynamic Load Balance	Yes (Smart meter)			
Environment				
Installation	Wall-mounted / Pedestal-mounting			
Operating Temperature Range	-30°C ~ 50°C (>50°C derating)			
Relative Humidity	5% ~ 95% RH			
Cooling	Natural convection			
Operating Altitude	<3000m			
Product Dimensions (W*H*D)[2]	232*340*172mm			
Package Dimensions(W*H*D)	430*320*310mm			
Net Weight	≈ 6.1kg			
Gross Weight	≈ 8.2kg			

Note: [1] PME protection is only available for UK market.
[2] Cable dimension is not counted.