



7kW 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(IP54 for socket) protection
- Build in RCD
- Rich hardware and software protection
- Long life design
- Automotive-grade process and materials

Specification

	EVAC-07K-5-T2-EU	EVAC-07K-T-T2-EU	EVAC-07K-S-T2-FR	EVAC-07K-5-T2-UK	EVAC-07K-T-T2-UK
Input					
Grid Connection	Single phase (L+N+PE)				
Voltage Range	230Vac ± 15%	230Vac ± 15%	230Vac ± 15%	230Vac ± 10%	230Vac ± 10%
Maximum Current	32A				
Rated Frequency	50Hz				
Output					
Voltage Range	230Vac ± 15%	230Vac ± 15%	230Vac ± 15%	230Vac ± 10%	230Vac ± 10%
Maximum Current	32A				
Maximum Power	7kW				
System					
Charging Connector	IEC 62196 Type 2 Cable	Socket	T2S	IEC 62196 Type 2 Cable	Socket
Cable Length	5m	-	-	5m	-
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				
Safety					
RCD	Type A + 6mA DC				
Ingress Protection Rating	IP65	IP54	IP54	IP65	IP54
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 (CT)				
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	<2000m				
Product Dimensions (W*H*D) ^[2]	232*340*172mm	232*340*165mm	232*340*150mm	232*340*172mm	232*340*165mm
Package Dimensions (W*H*D)	430*320*310mm	430*320*310mm	430*320*310mm	430*320*310mm	430*320*310mm
Net Weight	≈ 4.2kg	≈ 2.65kg	≈ 2.65kg	≈ 4.2kg	≈ 2.65kg
Gross Weight	≈ 6.3kg	≈ 4.75kg	≈ 4.75kg	≈ 6.3kg	≈ 4.75kg

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