



Alvis Smart Home EV Charger

The stylish Alvis Smart Home EV Charger is perfect for Type 2 EV models. With network connectivity and OCPP 1.6 compatibility, it offers load balancing feature. Ideal for residential use, it combines style and functionality. It is certified with ETSI EN 303 645, ensuring network security for consumer IoT devices.

EU & UK Standard



Intelligent

- Connectivity: Wi-Fi+4G/Wi-Fi+Ethernet
- Smart mobile App control
- Scheduled charging
- OCPP 1.6 Json
- Dynamic load balancing

Flexible

- Type 2 cable
- Wall-mount/Pole-mount installation
- App operation/RFID authentication/Plug to play

Secure & Safe

- 30mA AC +6mA DC
- Relay-sticking protection



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Datasheet	Model	AC7000-AE-25 / AC7000-AE-25-LB
Electrical Specification	Power Supply	1P+N+PE
	Rated Voltage	230V AC
	Rated Current	32A
	Frequency	50/60Hz
	Rated Power	7kW
Basic Attributes	Product Standard	EU
	Charge Connector	Type 2 Cable
	Cable Length	4M or 7M cable option
	Enclosure	PC
Interactive Interface	Installation	Wall-mount/Pole-mount (Optional)
	LED Indicator	Green/Yellow/Red
	RFID Reader	Mifare ISO/IEC 14443 A
Communication	Start Mode	Plug to play/RFID Card/App
	Wi-Fi & Ethernet	Standard
	Wi-Fi & 4G	Optional
	Bluetooth	Hardware Ready
Safety	OCPP	OCPP 1.6 Json
	RCD	30mA Type A+6mA DC
	Ingress Protection	IP65
	Impact Protection	IK08
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE/CB/RoHS
	Certification Standard	IEC 61851-1:2017 EN IEC 61851-1:2019 EN IEC 61851-21-2:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2007+A1 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.0:2017 EN 62311:2020 BS 7671:2018+A2:2022
Warranty	2 Years Charger Parts	
Working Environment	Operation Temperature	-30°C ~+50°C
	Work Humidity	5%-95%
	Work Altitude	≤2000m
Package	Product Dimension	328*181*87mm (H*W*D)
	Package Dimension	420*280*190mm (L*W*H)
	Net Weight	3.2kg
AE-25-LB features include above Plus	LB = Dynamic Load Balancing	Includes CT sensor clamp kit with 15M twisted pair cable. This can be extended to 100M with CT + Meter and RS485 Cable