



# Alvis Series Home Wallbox

Alvis Series Home Wallbox is an AC charger designed with a sleek, fresh, and appealing appearance, suitable for all Type 2 EV models. It applies for Built-in PEN Fault Protection, and has complied EVSCP regulation to calibrate U.K. market demand accurately. By supporting network connectivity and being compatible with OCPP1.6 Json, Alvis Series Home Wallbox reserves the interoperability for system integration and can be an ideal charging solution for residential and light commercial sites.

UK Standard



## PV Compatible

- 0 emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimized PV usage

## Intelligent

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

## Flexible

- Type 2 cable
- Wall-mount/Floor stand installation
- App operation/RFID authentication/Plug & Play

## Secure & Safe

- Built-in PEN Fault Protection
- Tamper Boundary Protection
- 2023 UK Cyber Security Regulation Compliant

## Alvis Series Home Wallbox

Datasheet	Model	AC7000-AB-45
Electrical Specification	Power Supply	1P+N+PE
	Rated Voltage	230V AC
	Rated Current	32A
	Frequency	50Hz
	Rated Power	7kW
Basic Attributes	Charge Connector	Type 2 Cable
	Cable Length	4m Cable (7m Optional)
	Enclosure	PC
	Installation	Wall-mount/Pole-mount (Optional)
Interactive Interface	LED Indicator	Green/Yellow/Red
	RFID Reader	Mifare ISO/IEC 14443 A
	Start Mode	Plug&Play/RFID Card/App
Communication	Wi-Fi & Ethernet	Standard
	Wi-Fi & 4G	Optional
	Bluetooth	Hardware Ready
	OCPP	OCPP1.6 Json
Safety	RCD	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	UKCA/RoHS/EN 303 645
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021
	Warranty	3 Years
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
	Gross Weight	4.0kg
	External Package	Carton