



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



Caro Series Home Wallbox

Caro Series Home Wallbox, a 2023 Red Dot Award winner, adds elegance to any charging location, be it at home, in business settings, or semi-public areas. Solar power-compatible for eco-friendly charging, its intelligent load management system reduces grid peak pressures. Experience powerful load balancing with up to 25 chargers on a single circuit. Enjoy the flexibility of 1A grid charging, optimizing energy usage with seamless PV integration.

UK Standard



Versatile

- Type 2 cable/socket
- Wall-mount/floor-stand installation
- Three enclosure colors
- Activated by NFC

Intelligent

- Connectivity:
 - Wi-Fi+Ethernet+Bluetooth
 - Wi-Fi+4G+Bluetooth
- App charging scheduling
- Dynamic load balancing

PV Compatible

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

Safe & Convenient

- 6mA DC RCD
- Relay-sticking protection
- Ergonomic and user-friendly enclosure design



Pearl White



Space Black



Emerald Green



EN 303 645

Caro Series Home Wallbox

Datasheet	Model	AC7000-AB-45C1-ENP
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	7m Cable (4m 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	344*192*100mm (H*W*D) Cable 344*192*135mm (H*W*D) Socket
	Package Dimension	430*330*235mm (L*W*H) Cable 430*245*210mm (L*W*H) Socket
	Net Weight	3.1kg
	Gross Weight	3.6kg
	External Package	Carton



Vita Series Business Wallbox

Vita Series Business Wallbox is geared in particular to the needs of commercial sites. It applies for Built-in PEN Fault Protection, and has complied EVSCP regulation to meet the market demand of the U.K. It can be integrated efficiently into existing environments with OCPP 1.6 and saves costs from electrical installation renovations. Vita Series allows cloud platform operation and the remote operation and maintenance function would provide operators with more intuitive and efficient management experiences.

UK Standard



Simple

- Temper glass front panel
- Robust enclosure
- Easy installation
- Vinyl branding options available

Flexible

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

Intelligent

- Connectivity:
 - Wi-Fi+Ethernet+Bluetooth
 - Wi-Fi+4G+Bluetooth
- Smart mobile App control
- 2.7" B&W information screen
- OCPP 1.6 Json

Secure & Safe

- Built-in PEN Fault Protection
- Tamper Boundary Protection
- 2023 Cyber Security Update
- Type A+DC 6mA
- Independent RCBO
- MID Certified Energy Meter



EN 303 645

Vita Series Business Wallbox

Datasheet	Model	AC7000-AB-44	AC7000-BB-44	AC022K-AB-44	AC022K-BB-44
Electrical Specification	Power Supply	1P+N+PE		3P+N+PE	
	Rated Voltage	230V AC		400V AC	
	Rated Current	32A		16A	
	Frequency	50Hz			
	Rated Power	7kW		22kW	
Basic Attributes	Charge Connector	Type 2 Cable/Type 2 Socket			
	Cable Length	4m Cable (7m Optional)			
	Enclosure	PC		Galvanized Steel+Temper Glass	
	Installation	Wall-mount/Pole-mount (Optional)			
Interactive Interface	LED Indicator	Green/Yellow/Red			
	LCD Display	2.7" Black & White LCD			
	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	30mA Type A+6mA DC			
	RCBO	Type A			
	Energy Meter	MID Certified			
	Ingress Protection	IP54			
	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	356*211*136mm (H*W*D)		452*295*148mm (H*W*D)	
	Package Dimension	490*340*210mm (L*W*H)		570*390*220mm (L*W*H)	
	Net Weight	4.46kg Cable	3.2kg Socket	10.0kg	
	Gross Weight	5.68kg Cable	4.2kg Socket	12.5kg	
	External Package	Carton			



Nano Series Duo Wallbox

The Nano Series is a new generation of 22kW AC chargers, available in both commercial and home versions, suitable for use in residential communities, commercial properties, and private settings. It supports remote parameter viewing and control, QR code, and card activation. It has 8 built-in safety protection functions to ensure user safety. It can be equipped with a wireless router that supports full network access or be wire connected to the network. Smart solutions such as load balancing and PV charging are also available to save costs and facilitate management.

UK Standard



Innovative

- Type 2 socket / cable, 2x11kW / 1x22kW simultaneously
- Suitable for home & semi-public use
- Easy to install by plugging back plate
- 50% installation cost saving

Intelligent

- Connectivity:
 - Wi-Fi+Ethernet+Bluetooth
 - Wi-Fi+4G+Bluetooth
- OCPP 1.6 Json
- Dynamic load balancing

Flexible

- Compatible with all EV & PHEV models
- App operation/RFID authentication/Plug & Play
- Optional socket and cable version
- Option to add RCBO & MID Meter

Secure & Safe

- Type A+DC 6mA
- Independent RCBO
- MID certified energy meter with accurate measurement



Nano Series Duo Wallbox

Datasheet	Model	AC022K-AE-44D	AC022K-BE-44D
Electrical Specification	Power Supply	3P+N+PE	
	Rated Voltage	400V AC	
	Rated Current	32A	
	Frequency	50/60Hz	
	Rated Power	1x22kW/2x11kW	
Basic Attributes	Charge Connector	2xType 2 cable	2xType 2 socket
	Cable Length	Type 2 Cable 7m Cable (4m 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	
	OCP	OCPP1.6 J2013	
Safety	RCD	30mA Type A+6mA DC	
	RCBO	Type A(Optional)	
	Energy Meter	MID Certified (Optional)	
	Ingress Protection	IP54	
	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	
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	Warranty	2 Years	
Working Environment	Operation Temperature	-30°C ~+50°C	
	Work Humidity	5%-95%	
	Work Altitude	<2000m	
Package	Product Dimension	540*360*199mm (H*W*D)	
	Package Dimension	620*466*245mm (L*W*H)	
	Net Weight	11.0kg	
	Gross Weight	12.0kg	
	External Package	Carton	