

## Challenger Series Home Wallbox

The stylish Challenger Series Home Wallbox is perfect for Type 2 EV models. With network connectivity and OCPP 1.6 compatibility, it offers load balancing charging features. Ideal for residential use, it combines style and functionality.



### • Intelligent

Connectivity: Wi-Fi+4G+Bluetooth/Wi-Fi+Bluetooth  
 Smart mobile App control  
 Scheduled charging  
 OCPP 1.6 Json  
 Dynamic load balancing  
 2.4 Inches Colors LCD Screen(Optional)

### • Flexible Option

16A/32A adjustable output current  
 Wall-mount/Floor stand installation  
 App operation/RFID authentication/Plug & Play  
 Compatible with all EV & PHEV models

### • Secure & Safe

Type A+DC 6mA  
 Relay-sticking protection  
 Ergonomic and user-friendly enclosure design  
 Over temperature protection  
 Over&Residual current detection

### • Simple Operation

Start/Stop charging by RFID card  
 Simple HMI with LED indicators  
 Robust enclosure  
 Easy installation



## PRODUCT PARAMETER

Datasheet	Model	BSC-AC0707EN	BSC-AC1107EN	BSC-AC2207EN
<b>Electrical Specification</b>	Power Supply	1P+N+PE	3P+N+PE	3P+N+PE
	Rated Voltage	230VAC	400VAC	400VAC
	Rated Current	32A	16A	32A
	Frequency	50/60Hz	50/60Hz	50/60Hz
	Rated Power	7KW	11KW	22KW
<b>Basic Attributes</b>	Charge Connector	Type 2 Socket		
	Cable Length	No		
	Enclosure	PC		
	Installation	Wall-mount/Pole-mount(Optional)		
<b>Interactive Interface</b>	LEDIndicator	Green/Blue/Red		
	RFID Reader	MifareISO/IEC14443 A		
	4.3"LCD	Optional		
	Start Mode	Plug&Play/RFID card/App (Optional)		
	<b>Communication</b>	Emergency Stop	Yes	
WiFi&Bluetooth		Optional		
4G		Optional		
OCPP 1.6		Optional		
<b>Safety</b>	RCD	30mA Type A+ 6mA DC sensitive protective device		
	PEN Protection	Optional		
	DLB	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.Overttemperature protection		
	Certification	CE/CB/UKCA / ETL/CETL/OCPP1.6/Energy Star		
	Certification Standard	EN IEC61851-1:2019,IEC 61851-1:2017,IEC 61851-21-2:2018		
	Warranty	2 years		
<b>Working Environment</b>	Work Temperature	-20°C~+50°C		
	Work Humidity	3%-95%		
	Work Altitude	<2000m		
<b>Package</b>	Product Dimension	350*200*105mm(H*W*D)		
	Package Dimension	485*375*155mm(L*W*H)		
	Net Weight	2.1kg /2.2kg /2.2kg		
	Gross Weight	2.5kg / 2.6kg /2.6kg		
	ExternalPackage	Carton		