

Home Wallbox & Business Wallbox

The classic AC charging station meets the requirements of load balancing and photovoltaic charging for residential use. Suitable for 99.9% of car models on the market, with powerful functions that can meet different networking states, an ultra wide voltage range, and stable operation in areas with large fluctuations in the power grid.



Smart Features

- Supports remote upgrades
- Supports app control
- Supports remote diagnostics

Safety Protection

- RDC (TypeA+DC6mA)
- 6 safety protection measures
- IP55 ingress protection(body)

Optional Configurations

- Wi-Fi / 4G / Ethernet
- Wall-mount/Floor stand installation
- App operation/RFID/Plug & Play

Specifications



MODEL	EMAC7W-EU	EMAC11W-EU	EMAC22W-EU
Outlet Options	AC Type 2 (IEC 62196-2)		
Input/Output CHARACTERISTICS			
Input/Output Current rating	32A	16A	32A
Input/Output Power rating	7kW	11kW	22kW
Input/ouput voltage	230VAC	400 VAC	400 VAC
Input Frequency	50Hz		
Cable Length	5.0 m or Customized		
Distribution Systems	TT, TN system		
Connector Type	1P + N + PE	3P + N + PE	
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection, RDC (TypeA+DC6mA), Over-temperature protection		
Energy Measure	Yes		
USER IN INTERFACE			
Connectivity	WiFi/Bluetooth/4G/Ethernet		
Status indication	LED Status		
User Interface	LED		
Communiation Protocols	OCPP 1.6J		
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader		
GENERAL CHARACTERISTICS			
Protection Rating	IP55		
Housing Material	Plastic		
Operating Altitude	≤2000m		
Operating Temperature	-35°C to +50 °C		
Storage Temperature	-40 °C to +75 °C		
Humidity	< 95%, non-condensing		
Mounting	Wall-mount or pedestal stand		
Dimension (mm)	205*110*380mm		
Net Weight (kg)	≤4kg	≤5kg	≤6kg
COMPLIANCE STANDARDS			
Codes & Standards	IEC61851-21-2, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61000-3-11, EN 61000-3-12, IEC61008-1, IEC61008-2-1, EN 62423, IEC 62196-1, IEC 62196-2		
Safety Standards	IEC/EN 61851-1, EN 62311, EN 62479, IEC/EN 62955		

Metrobit FZCO

Warehouse No. FZS5AA05, South Zone 5, Jebel Ali Free Zone, Dubai, UAE

TEL:+971 4 8809093 FAX:+971 4 8807076

info@metrobitcorp.com
 www.metrobitcorp.com

