







AC Smart Wallbox

# Wallbox Series

7kW / 11kW / 22kW

## Features

-  Charge EV with 100% renewable energy by surplus solar power
-  Support dynamic load balance function
-  Support intelligent valley price charging to save cost
-  IP65 outdoor design for plug version
-  Able to work with all branded EV
-  Remote firmware upgrade & work mode setting



Model	EV-AC1P-7K	EV-AC1S-7K	EV-AC3P-11K	EV-AC3S-11K	EV-AC3P-22K	EV-AC3S-22K
<b>AC Input</b>						
Phase / Lines	Single Phase / L + N + PE		Three Phase / 3 + N + PE		Three Phase / 3 + N + PE	
Rated AC Input Voltage [V]	230		400		400	
Grid Frequency [Hz]	50 / 60					
<b>AC Output</b>						
Rated AC Output Voltage [V]	230		400		400	
Rated AC Output Power [W]	7000		11000		22000	
Max. AC Output Current [A]	32		16		32	
Grid Frequency [Hz]	50 / 60					
Charging Interface Type	IEC 62196-2, Type 2					
Connection	Plug	Socket	Plug	Socket	Plug	Socket
Cable Length [m]	5 / 7.5	/	5 / 7.5	/	5 / 7.5	/
<b>Interface</b>						
Ethernet	Optional (OCPP1.6)					
RS485	Yes					
WiFi , Bluetooth and RFID	Optional					
CT Clamps	Yes					
Meter	Optional					
<b>Protection</b>						
AC Overvoltage Protection	Integrated					
AC Undervoltage Protection	Integrated					
AC Overcurrent Protection	Integrated					
Surge Protection	Integrated					
Grounding Protection	Integrated					
Current leakage Protection	Integrated					
Over Temperature Protection	Integrated					
RCD	Type A + 6mA DC fault current protection (Equivalent to Type B)					
<b>General Data</b>						
Dimensions (W * H * D) [mm]	248 * 400 * 135					
Weight [kg]	3.92	2.36	5	2.6	5	2.6
Ambient Temperature Range [°C]	-20 ~ +50					
Relative Humidity	0 ~ 95%					
Operating Altitude [m]	≤ 2000					
Cooling	Natural					
Ingress Protection	IP65	IP54	IP65	IP54	IP65	IP54
<b>Certifications &amp; Standards</b>						
Safety Regulation	EN / IEC 61851-1, EN300328, EN300330, EN301489-1, EN301489-3, EN301489-17, EN IEC 61851-21-2, EN IEC 61000-6-1, EN62479, EN IEC 61000-6-3, EN IEC 61851-1, EN IEC 62311					