

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-AC3P-11K	EV-AC3P-22K
AC Input			
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		
AC Output			
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	Plug	Plug
Cable Length [m]	5 / 7.5	5 / 7.5	5 / 7.5
Interface			
Ethernet	Optional (OCPP1.6)		
RS485	Yes		
WiFi , Bluetooth and RFID	Optional		
CT Clamps	Yes		
Meter	Optional		
Protection			
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)		
General Data			
Dimensions (W * H * D) [mm]	248 * 400 * 135		
Weight [kg]	3.92	5	5
Ambient Temperature Range [°C]	-20 ~ +50		
Relative Humidity	0 ~ 95%		
Operating Altitude [m]	≤ 2000		
Cooling	Natural		
Ingress Protection	IP65	IP65	IP65
Certifications & Standards			
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		