

EV AC charging station for residential

7kW AC output with single Type-1/2 outlet

Ark AC charger comes with a powerful single board computer and an array of advanced features. Its slim, exquisite design saves car parking space and enhances ergonomics for users' safety and comfort while blending perfectly into any premises.

Technical specifications	
System	
Housing material	UV protection ABS enclosure
Dimension	345*211*122mm (H*W*D)
Installation method	Wall mounting, Pedestal mounting (optional)
Cable routing	Bottom inlet wiring
Weight	N.W.: 5.5kg, Pedestal: 30kg
Charging standard	IEC 62196 Type-2, SAE J1772 Type-1
Charging outlet	Type-1/2 socket
Outlet number	1
Input	
Input voltage	220Vac +/-10%, 1-phase
Input frequency	50Hz/60Hz
Output	
Max output power	7kW @ 32A max
Measuring accuracy	Level 0.5
Output voltage range	220Vac +/-10%, 1-phase
Output current range	0 – 32A
RCCB	Type-A, sensitivity: 30mA
General	
Charging type	Mode 3
User Interface	RFID, Plug & Charge
AC connector type	AC Type-1/2
Communication	PWM
Application place	Indoor/Outdoor
Working temperature	-30 °C – +50 °C
Working humidity	5% – 95% non-condensation
Altitude	<2000m
Protection grade	IP54
Cooling	Natural cooling
Safety standard	Compliant with CE, EN 61851-1-2001; EN 61851-21-2001; EN 61851-22-2001
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightning surge protection



Applications

- ✓ Residential
- ✓ Company work places
- ✓ EV charging service locations