

EV AC charging station for commercial and public

7/22kW AC output with single Type-1/2 outlet

Ark 7/22kW AC charger comes up with slim and fashion design for commercial charging use. Embedded with RFID, Ethernet and LTE features makes it best suitable for malls and companies fast charging application. Compliant with OCPP 1.6J protocol enables it to be connected with global EV charging management system.

Technical specifications	
System	
Housing material	Metal enclosure
Dimension (H*W*D)	300*450*160mm, 1200*450*160mm (pedestal mount)
Installation method	Wall mount, pedestal mount (optional)
Cable routing	Bottom inlet wiring
Weight	N.W.: 11kg
Charging standard	IEC 61851-22, SAE J1772
Charging outlet	Type-1/2 connector or socket
Outlet number	1
Input	
Input voltage	230Vac +/-10% 1-phase or 400Vac +/-10%, 3-phase
Input frequency	50Hz/60Hz
Output	
Max output power	7/22kW @ 32A max
Measuring accuracy	Level 0.5
Output voltage range	230Vac +/-10% 1-phase, 400Vac +/-10%, 3-phase
Output current range	0 – 32A
RCCB	Type-B, sensitivity: 30mA
General	
Charging type	Mode 3
User Interface	RFID, LCD Display
AC connector type	IEC 62196 Type-2, SAE J1772 Type-1
Communication	PWM
Application place	Indoor/Outdoor
Working temperature	-30 °C – +60 °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

- ✓ Malls and supermarkets
- ✓ Company and working places
- ✓ EV charging operators