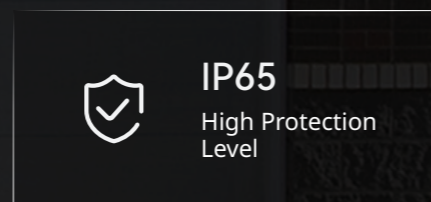
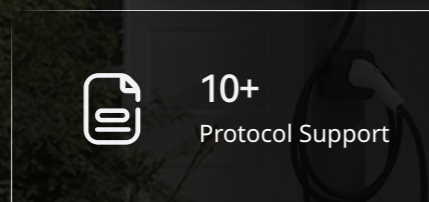
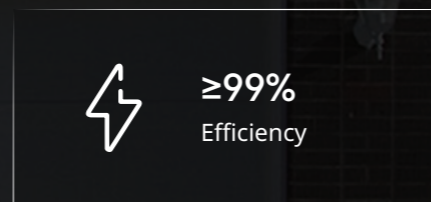
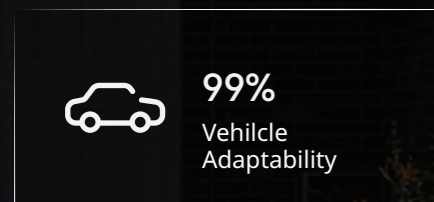
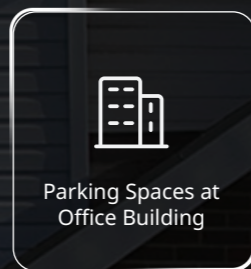


SHELL Series

7/11/22kW AC Charger

The PINGALAX SHELL Series AC charger adopts a minimalist design with a small footprint. It is suitable for installation in residential garages, commercial parking spaces, and corporate parking lots. With PINGALAX's advanced AI digital platform, remote performance monitoring and intelligent O&M can be achieved, providing the best charging system solutions for car owners, O&M personnel, and operation managers.



►► High-value Quality



Excellent Weather And Corrosion Resistance

Flame retardant UL94 V-0 and imported PC/ASA material offer an excellent level of weather-resistance and anti-corrosion capacity, which means the charger still remains in good condition in various environments.



Multi-layered Safety Mechanism

Built-in protection mechanisms, including 8-layer safety protection, automatic power-off when fully charged, one-button emergency stop, etc., can assist stations and users to promptly detect and handle abnormal situations during charging, ensuring safe charging process.



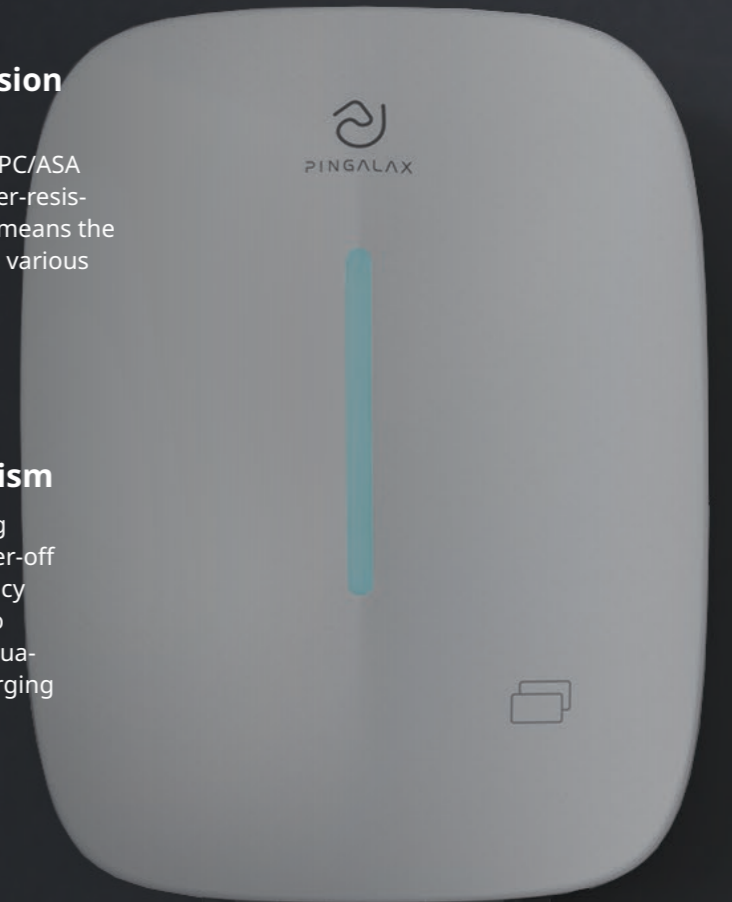
Strict Quality Control

Strict release tests on all products, including salt spray test, electrical performance test, waterproof test, dustproof test, power off and plug test, radiation interference test, etc., to ensure the quality of chargers from the source.



OTA Upgrading

Cloud-based operations & management enables remote OTA upgrades, with lower operation and maintenance costs.



▶▶ User-centric Design



➤ Minimalist Design

Its streamlined frame and screenless design create a minimalist aesthetic. The indicator light shows the charging status, allowing users to clearly grasp usage status.

➤ Flexible Configuration

Suitable for both home and commercial use.

➤ Dedicated PINGALAX APP

Provides easy authentication and control of the AC charger. For home charging scenario, the APP can schedule charging during off-peak hours, making it more economical.

➤ Low-noise Design

The noise is below 40dB during charging, creating a quiet and undisturbed charging environment.

▶▶ Technical Parameters

SHELL AC EV Charger

PCAC-J5

Product Information	
Connector Type	IEC: Type 2, GB: GB, UL: Type 1
Number of Connectors	1
Cooling	Air cooled
Efficiency	99%
Cables	Standard: 5m
Measuring Accuracy	1%
Input and Output	
Input/output power rating and current	IEC / GB ratings: Single-phase up to 7 ~ 7.4kW / 32A, Three-phase up to 22kW / 32A UL ratings up to 11.5 kW / 48A
Input/output voltage	IEC: Single-phase: 230VAC±15% under 50/60Hz, Three-phase: 400VAC±15% under 50/60Hz GB: Single-phase: 220VAC±15% under 50/60Hz, Three-phase: 380VAC±15% under 50/60Hz UL: Single / Split phase: 240VAC±15% under 50/60Hz
Protection	Overcurrent, overvoltage, undervoltage, short circuit, overload, overtemp, ground fault, leakage and lightning protection
Mechanical	
Dimensions (H × W × D)	310mm × 224mm × 128mm
Mounting Type	Pedestal/Wall-mounted
Net Weight	About 4kg (Including standard cable. Weight may vary slightly depending on configuration)
Environmental	
Mounting Position	Indoor and Outdoor
IP Rating	IP65
Noise Level	< 40dB
Maximum operating altitude	≤ 2000m
Temperature range	-30°C ~ +50°C
Operating Humidity	5% ~ 95%RH non-condensing
Standards and Certifications	
Certification and Reports	CE (TÜV), CB, CNAS, CMA
Design Standards	IEC: IEC 61851-1 GB: GB/T 20234.1, GB/T 20234.2, GB/T 18487.1, NB/T 33002, NB/T 33008.2 UL: 2231-2
Interface	
Authentication Methods	RFID Card / PINGALAX App (Using Bluetooth or Wi-Fi) / Plug and charge / Scheduled charging
Internet Connection	Ethernet / 4G / Bluetooth&Wi-Fi
Communication Protocol	OCPP 1.6 / OCPP 2.0.1 / Stand-alone / Modbus RTU RS485 / Support other customized communication protocols