PINGALAX

EV Charging System

—

All-scenario Solutions

Pingalax Digital Energy Technology Co., Ltd.

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Pingalax Digital Energy Technology Co., Ltd.

CONTENTS

ABOUT PINGALAX

Pingalax Digital Energy Technology Co., Ltd. is a technology enterprise dedicated to the R&D, production, sales and service of products in new energy fields such as electric vehicle charging, power supplies, photovoltaics, and energy storage. PINGALAX is committed to deeply integrating research accumulation in the semiconductor field and digital AIoT technology with the new energy industry, building a more efficient, cleaner, more economical and safer modern energy system, and providing global customers with full-scenario digital energy solutions.

PINGALAX makes layouts on the entire chain of chips, modules, core components, software and system design, and has a well-proportioned and experienced innovative R&D team. As of now, the proportion of the company's R&D personnel exceeds 60%, among which the proportion of masters and doctors exceeds 30%. The company has applied for and obtained hundreds of patents.

PINGALAX's main products include electric vehicle charging equipment, photovoltaic inverters, mobile energy storage power supplies, household and industrial and commercial energy storage systems, etc. The company's core products have successively passed many domestic and foreign authoritative certifications and tests such as TÜV, CNAS, CE, CCC, and UN38.3, and have been sold to more than 30 countries and regions around the world.

PINGALAX has been successively approved as a national high-tech enterprise, a national post-doctoral scientific research workstation, and a national "specialized, refined, peculiar and new" little giant, and has passed certifications such as the IATF16949 automotive industry quality management system, ISO9001 quality management system, and ISO/IEC27001 information security management system.

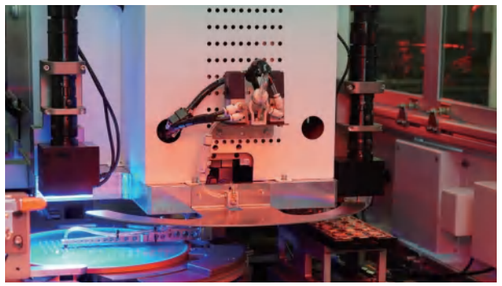
PINGALAX always adheres to the corporate culture of "customer-centric", adheres to the development concepts of technological innovation, low-carbon intelligent manufacturing, green development, and digital empowerment, adheres to open cooperation, and is willing to jointly develop clean energy technologies with global partners, accelerate the green energy revolution, and build a better future.

R&D strength, Scientific innovation

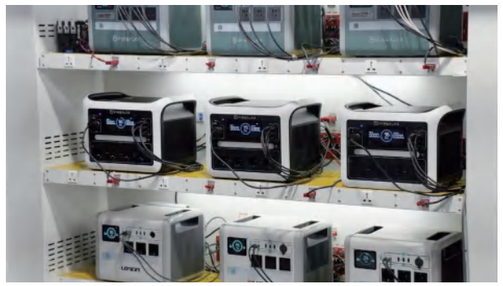
PINGALAX adheres to independent R&D and innovation. We invest a large amount of resources in the entire chain of chips - application end products - system integration - cloud services, builds a complete R&D system, and sets up R&D centers in Chongqing, Shenzhen and Southeast Asia to gather top global talents. In the field of digital energy, we are committed to creating technologies and products with core competitiveness and creating greater value for customers.

Professional chip design

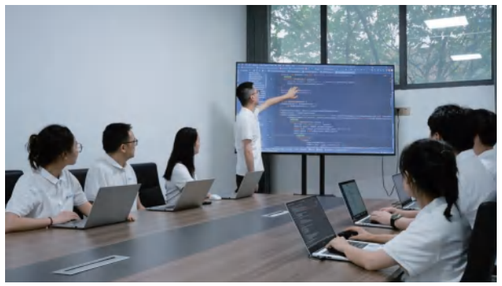
Advanced manufacturing technology



Comprehensive performance testing



Complete R&D process



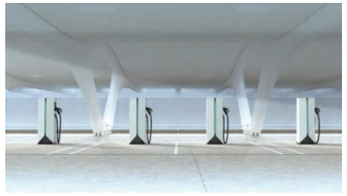
60%+ R&D personnel

30%+ Master&PhD

500+ Patent applications

25%+ R&D invest

Main Business

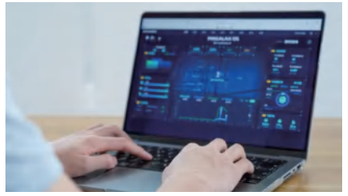


Intelligent charging network

Distributed energy system

Portable&Home energy

New energy application solutions



Digital energy AIoT service

Our Global Partners

30+ Coverage countries/regions

200+ Global customers

70000+ Product registered users

70000+ Energy terminal connections

A Combination of Chips and Software

Defines a New Generation of Fast Charging Technology

Advanced Power Electronics

Equipped with the latest self-developed power chips

psemic Inside

Cloud-based Intelligence

Ensure a smooth and safe charging experience with AI

Powered by PINGALAX OS

Optimized Product Architecture

Multiple combinations and specifications are available to meet the needs of charging stations at all levels

In-house Power Modules

Adopts self-developed power modules
Safer and more reliable

Eye-catching Appearance

Unique streamlined body with unique lighting effects

Modular Design

Strong scalability and easy maintenance

User Centric Desgin

Ergonomic design and optimized operation process

Efficient Cooling

Active heat dissipation and intelligent temperature control

Compatible with Multiple Standards

GB/T, CCS2, Type2, Type1 and Mixed Connector

Powerful Cloud Operating & Management

CHARGE 平易充+

Steamlined Data Transfer

OCPP 1.6, OCPP 2.0.1 and more

Tailored Service for OEM&ODM

Full-stack R&D enables tailored appearance, functions and solutions

Some products only have partial certifications. For more details, please consult PINGALAX or your distributor.

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Mondrian Series

20-40kW DC Fast Charger

The PINGALAX Mondrian Series (Mondrian Series) is a DC charger designed and developed in response to the growing demand for convenient fast charging based on in-house developed and produced charging modules and controller. Compared with high-power DC charger, it is more flexible in installation (supporting wall-mounted and vertical types) and is suitable for scenarios such as public charging, hotels, and small commercial senarois. 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.

Public Charging

Hotel

Commercial Real Estate

99%
Vehilcle Adaptability

40 kW
Max Power

≥95%
Efficiency

125 A
Max Current

10+
Protocol Support

IP54
High Protection Level

Reliability & Efficiency Oriented

Optimal Performance and Efficiency

In-house power module not only improves charging efficiency , ensuring a safer and more stable charging process, but also provides a full range of after-sales service guarantees, allowing for worry-free experience for users.

Smart DLB Feature

Provide dynamic load management, reducing energy costs and preventing nuisance tripping of distribution protective devices.

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.

Aesthetics Meets Functionality

Neoplasticism Style

Inspired by Mondrian's aesthetic, using abstract geometric elements, to reshape aesthetics and practicality.

Highly-integrated Design

By integrating the interactive screen, charging system and network communication module into one, EV drivers can enjoy a seamless and hassle-free experience.

User Centric Interface

The user-friendly 7-inch LCD touch screen dynamically displays charging status.

SOC Lit Beacon

The vertical light bar displays real-time charging status, adding rhythmic vibe.

Technical Parameters

Mondrian Series DC EV Charger

PCDC-WZ2

Product Information			
Product Model	M20	M30	M40
Power Rating	20kW	30kW	40kW
Dimensions (W × D × H)	670mm × 217.7mm × 670mm		
Mounting Options	Wall-mounted / Pedestal-mounted		
Efficiency	⩾95%		
Power Cooling	Forced-air-cooled		
Charging Port	GB/T, CCS2		
Cable Length	5m		
Input Characteristics			
Input Voltage	GB: 3-phase 380VAC±15%, IEC: 3-phase 400VAC±10%		
Input Frequency	50/60Hz		
Power Factor	⩾ 0.99(at loads above 50%)		
Output Characteristics			
Output Current	0~67A	0~100A	0~125A
Output Voltage	200~1000VDC		
Environmental			
Operating Temperature	GB: -30~+55℃ (Derated power output above 55℃), IEC: -30℃～50℃(full power) / 50℃～75℃ (limit power)		
Storage Temperature	-40℃～70℃		
Operating Humidity	5~95%RH, non-condensing		
Altitude	⩽ 2000m		
Noise	< 65dB		
Ingress Protection	IP54		
Standards and Certifications			
Certification and Reports	CE (TÜV), CB		
Design Standards	GB/T 20234, GB/T 18487, GB/T 27930, NB/T 33001, NB/T 33008		
Safety Protection	Over Voltage, Under Voltage, Short Circuit, Over Current, Over Temperature, Ground Fault, Leakage Current, Lightning, Charging Connector Temperature Monitoring Protection		
Interface			
Authentication Methods	QR Code / RFID Card / VIN (Optional)		
Display	7" Touch Screen		
Internet Connection	EtherNet / 4G / Wi-Fi		
Communication Protocol	OCPP 1.6, OCPP 2.0.1 and more		

*M20 is only compatible with GB standard.

Standard Series

60-240kW Integrated DC Fast Charger

The PINGALAX Standard Series integrated DC fast charger is based on in-house developed and produced charging modules and controllers. With optimal end-user experience in mind, the PINGALAX Standard Series adopts a three-cavity structure and digital current balancing technology to significantly improve reliability and operational efficiency. With PINGALAX's advanced AI digital platform, remote performance monitoring and intelligent O&M is made possible, providing the best charging system solutions for car owners, O&M personnel, and operation managers.

Public Charging

Fleet Operating

Commercial Real Estatei

99%
Vehilcle Adaptability

240 kW
Max Power

≥95%
Efficiency

250 A
Max Current

10+
Protocol Support

IP54
High Protection Level

Reliability & Efficiency Oriented

Smart Charging Control Algorithm

Digital current sharing and fast startup ensure efficient operation.

Optimal Performance and Efficiency

In-house power module not only improves charging efficiency , ensuring a safer and more stable charging process, but also provides a full range of after-sales service guarantees, allowing for worry-free experience for users.

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.

Effortless Smart Charging Experience

Highly-integrated Design

By integrating the interactive screen, charging system and network communication module into one, EV drivers can enjoy a seamless and hassle-free experience.

User Centric Interface

The high-definition touch screen dynamically displays information such as charging methods, electricity price details, and charging status, enhancing user's experience.

Futuristic Design Language

Streamlined design with LED light bar dynamicly displays charging status.

Technical Parameters

Standard SeriesDC EV Charger

PCDC-YZ4/YZ5

Product Information						
Product Model	S60	S80	S120	S160	S200	S240
Power Rating	60kW	80kW	120kW	160kW	200kW	240kW
Dimensions (W × D × H)	700mm × 400mm × 1600mm		730mm × 550mm × 1800mm			
Mounting Options	Pedestal Type					
Efficiency	⩾95%					
Power Cooling	Forced-air-cooled					
Charging Port	GB/T, CCS2 and Mixed Connector					
Cable Length	5m					
Input Characteristics						
Input Voltage	GB: 3-phase 380VAC±15%, IEC: 3-phase 400VAC±10%					
Input Frequency	50/60Hz					
Power Factor	⩾ 0.99(at loads above 50%)					
Output Characteristics						
Output Current	0~200A	0~250A				
Output Voltage	200~1000VDC					
Environmental						
Operating Temperature	GB: -30~+55℃ (Derated power output above 55°C), IEC: -30℃～50℃(full power) / 50℃～75℃ (limit power)					
Storage Temperature	-40℃～70℃					
Operating Humidity	5~95%RH, non-condensing					
Altitude	⩽ 2000m					
Noise	< 65dB					
Ingress Protection	IP54					
Standards and Certifications						
Certification and Reports	CE (TÜV), CB, CNAS, CMA					
Design Standards	GB/T 20234, GB/T 18487, GB/T 27930, NB/T 33001, NB/T 33008					
Safety Protection	Over Voltage, Under Voltage, Short Circuit, Over Current, Over Temperature, Ground Fault, Leakage Current, Lightning, Charging Connector Temperature Monitoring Protection					
Interface						
Authentication Methods	QR Code / RFID Card / VIN (Optional)					
Display	7" Touch Screen					
Internet Connection	EtherNet / 4G / Wi-Fi					
Communication Protocol	OCPP 1.6 / OCPP 2.0.1 / Other					

Prime Series

320-800kW Ultra-fast Charging Solution

PINGALAX Prime Series has a wide and adaptable power output ranging from 320kW, 480kW, 600kW, 640kW, 720kW to 800kW. Using a smart power allocation strategy, it can power up to 12 charging points. The split-system design also allows for flexible set-up, lower noise, easier maintenance and better heat dissipation, ensuring optimum user experience.

Public Charging

Fleet Operating

Commercial Real Estatei

Reliability & Efficiency Oriented

Smart Charging Control Algorithm

Digital current sharing and fast startup ensure efficient operation.

Optimal Performance and Efficiency

In-house power module significantly improves charging efficiency.
Charge up to 12 vehicles simultaneously.

Smart DLB Feature

Provide dynamic load management, reducing energy costs and preventing nuisance tripping of distribution protective devices.

OTA Upgrading

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

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.

99% Vehilcle Adaptability	800 kW Max Power	≥95% Efficiency	600A Max Current	IP65 High Protection Level	12 Max Number of Dispensers

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Effortless Smart Charging Experience

Split-System Design

Up to 100m between the power cabinet and the dispensers， which allows for flexible set-up, lower noise, easier maintenance and better heat dissipation.

Intuitive Interface Experience

The high-definition touch screen dynamically displays information such as charging methods, electricity price, and charging status, enhancing user's experience.

Multiple Dispensers Options

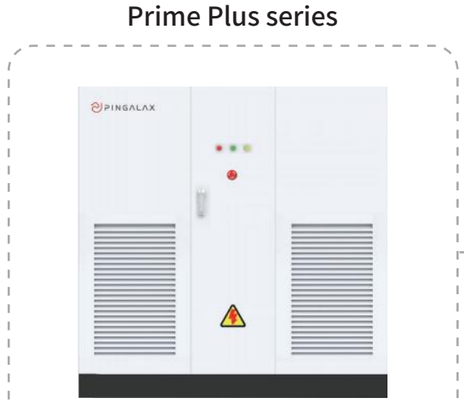
Up to 12 Fast or Ultra-fast charging terminals can be supplied with just one power cabinet.

With dedicated APP, you can find charger with one click, check electricity prices, charging data,etc.

Geometric-cut Design

London Design Awards prize winner.
Platinum Award of American Good Design
Triangular-cut shape at the bottom with vertical LED light bar displaying charging status creates a strong visual impact.

Intelligent and Comprehensive



Technical Parameters

Prime Series Split-Type DC EV Charger

Rectifier Unit (Rectifier Cabinet)
PCDC-FZ1/FZ2

Product Information									
Product Model	P800 Plus	P720 Plus	P640 Plus	P600 Plus	P640	P600	P480	P360	P320
Power Rating	800kW	720kW	640kW	600kW	640kW	600kW	480kW	360kW	320kW
Maximum Number of Charging Connectors	10	12	8	10	8	10	8	6	8
Dimensions (W × D × H)	1800mm × 900mm × 1780mm				1230mm × 870mm × 2000mm				
Mounting Options	Pedestal-mounted								
Efficiency	⩾95%								
Power Cooling	Forced-air-cooled								
Input Characteristics									
Input Voltage	3-phase 380VAC±15%								
Input Frequency	45Hz~65Hz								
Power Factor	⩾0.99								
Harmonic	⩽5%								
Output Characteristics									
Output Voltage	200-1000 VDC (Constant Power Range: 300-1000 VDC)								
Constant Current Accuracy	⩽ ±1%								
Constant Voltage Accuracy	⩽ ±0.5%								
Load Regulation	⩽ ±0.5%								
Ripple Factor	⩽ ±0.5%								
Environmental									
Operating Temperature	-30~+55℃ (Derated power output above 55°C)								
Storage Temperature	-40~+75℃								
Altitude	⩽2000m								
Operating Humidity	5% to 95% RH, non-condensing								
Noise	⩽65dB								
Ingress Protection	IP54								
Standards and Certifications									
Certification and Reports	CNAS, CMA								
Design Standards	GB/T18487.1-2015、NB/T33001-2018、NB/T33008.1-2018、GB/T27930-2015、JJG1149-2022								
Safety Protection	Over Voltage, Under Voltage, Overload, Short Circuit, Ground Fault, Over Temperature, Lightning Protection, Emergency Stop, Leakage Current, Insulation Monitoring, Door Open, Contactor Sticking, Water Ingress Protection								

Prime Series Split-Type DC EV Charger

Charging Unit (Charging Terminal)
PCDC-SD1/KD1

Product Information		
Charging Unit	Ultra-Fast Charging Terminal	Fast Charging terminal
Maximum Power per Charging Connector (Vehicle Dependent)	600kW	250kW
Number of Charging Connectors	1	1/2
Cable Length	3.5m	5m
Dimensions (W × D × H)	500mm × 280mm × 1444mm	420mm × 220mm × 1300mm
Mounting Options	Pedestal-mounted	
Power Cooling	Liquid Cooling	Natural Cooling
Output Characteristics		
Output Voltage	200~1000VDC	
Maximum Current per Charging Connector	600A	250A
Environmental		
Operating Temperature	-30~+55℃ (Derated power output above 55°C)	
Storage Temperature	-40~+75℃	
Altitude	⩽2000m	
Operating Humidity	5% to 95% RH, non-condensing	
Noise	⩽60dB	⩽50dB
Ingress Protection	IP54	
Standards and Certifications		
Certification and Reports	CNAS, CMA	
Standards and Certifications	GB/T18487.1-2015, NB/T33001-2018, NB/T33008.1-2018, GB/T27930-2015, JJG1149-2022	
Safety Protection	Over Voltage, Short Circuit, Protective Earth Continuity Monitoring, Over Temperature, Emergency Stop, Leakage Current, Insulation Monitoring, Door Open, Power Loss, Low Liquid Level Alarm, Contactor Sticking Protection	
Interface		
Authentication Methods	QR Code / RFID Card / VIN (Optional)	QR Code / RFID Card / VIN / Plug and Play Charging
Display	4.3-inch Touchscreen (Optional)	7-inch Touchscreen
Internet Connection	EtherNet / 4G / Wi-Fi	
Charging Terminal/Rectifier Unit Communication Protocol	CAN bus	
Charging Terminal/Platform Communication Protocol	OCPP 1.6 / OCPP 2.0.1	

RACE Series

7/11/22kW AC Charger

The PINGALAX RACE Series AC charger adopts a streamlined racing car-inspired 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.

- Home Use
- Commercial Real Estate
- Parking Spaces at Office Building

- 99% Vehilcle Adaptability
- 22 kW Max Power
- ≥99% Efficiency
- 3 Cover GB/T, IEC, UL Standard
- 10+ Protocol Support
- IP55 High Protection Level

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

Sporty Design

Its racing car-inspired frame and screenless design create a minimalist aesthetic. The LED indicator shows the charging status, allowing users to clearly grasp usage status.

Immersive Ambient Lighting

The ambient lighting automatically turns up when approaching, giving an immersive vibe while solving lighting problems and monitoring abnormal intrusions into parking spaces.

Customized Projection Light

Support customized content of projection light to create personalized space for users.

Low-noise Design

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

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.

Technical Parameters

RACE AC EV Charger

PCAC-J4

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/ouput 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, unvoltage, short circuit, overload, overtemp, ground fault, leakage and lightning protection
Mecanical	
Dimensions (H × W × D)	208mm × 153mm × 418mm
Mounting Type	Pedestal/Wall-mounted
Net Weight	About 4.5kg (Including standard cable. Weight may vary slightly depending on configuration)
Environmental	
Mounting Position	Indoor and Outdoor
IP Rating	Single-phase: IP54, Three-phase: IP55
Noise Level	＜40dB
Maximum operating altitude	⩽ 2000m
Temperature range	-30℃ ~ +50℃
Operating Humidity	5% ~ 95%RH non-condensing
Standards and Certifications	
Certification and Reports	CE (TÜV), CB, CNAS, CMA
Design Standards	IEC: IEC 61851-1 UL: 2231-2 GB: GB/T 20234.1, GB/T 20234.2, GB/T 18487.1, NB/T 33002, NB/T 33008.2
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

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.

- Home Use
- Commercial Real Estate
- Parking Spaces at Office Building

99%
Vehilcle Adaptability

22 kW
Max Power

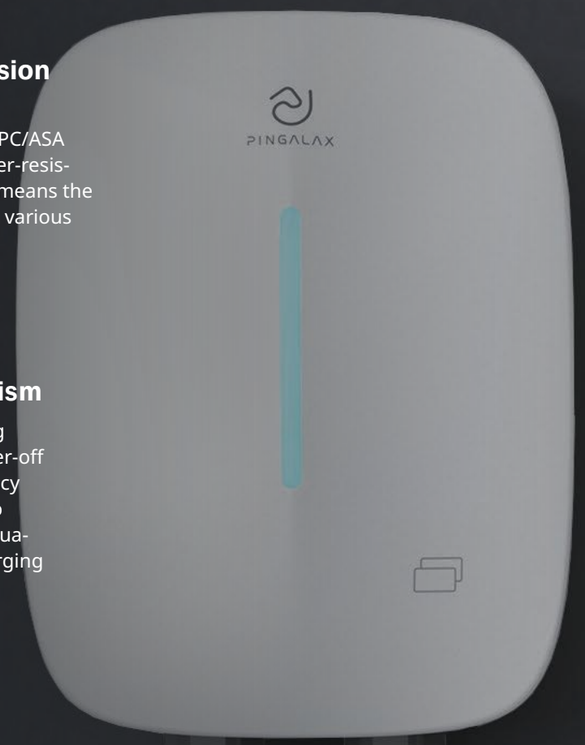
≥99%
Efficiency

3
Cover GB/T, IEC, UL Standard

10+
Protocol Support

IP65
High Protection Level

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.

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.

Flexible Configuration

Suitable for both home and commercial use.

Low-noise Design

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

Technical Parameters

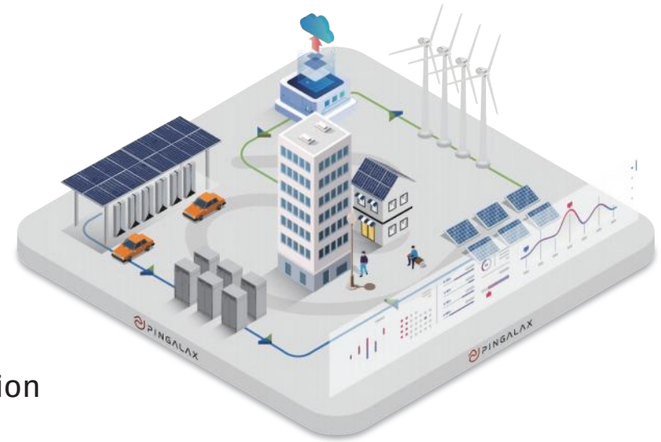
SHELL AC EV Charger PCAC-J5

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/ouput 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, unvoltage, short circuit, overload, overtemp, ground fault, leakage and lightning protection
Mecanical	
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℃ ~ +50℃
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

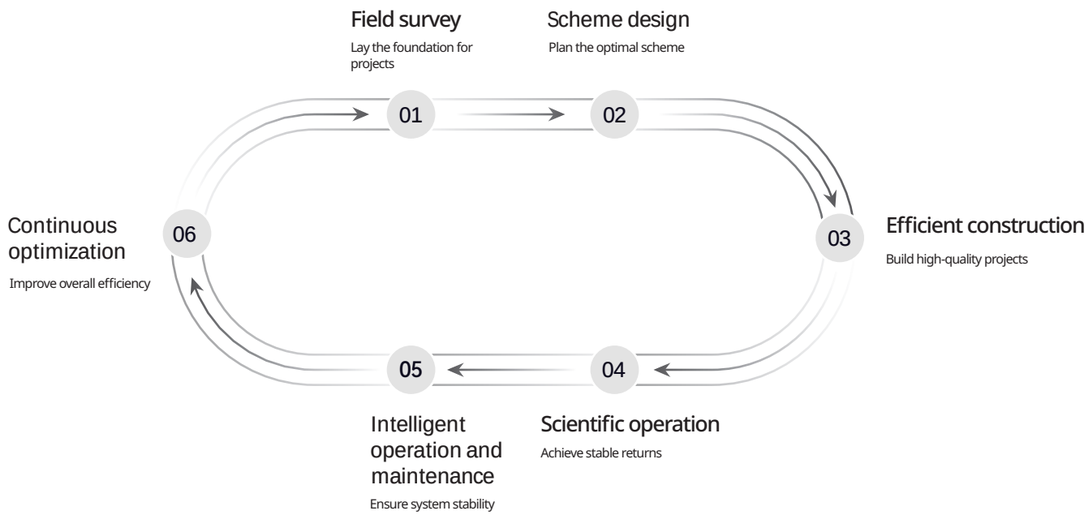
Build a new energy system

Deeply Integrated Distributed Energy Network

Pingchuang insists on deeply integrating new energy core technologies and digital intelligent technologies. In application scenarios, we build a new energy system with the collaborative participation of photovoltaics, energy stroage, and V2G, and creates a microgrid for PV-ESS-Charging-Using with intelligent charging as the core.



End-to-end One-stop Solution



PINGALAX Cloud

200+ Stations	70000+ Terminals
70000+ Users	1.5M+ Transactions

PINGALAX OS Digital Energy Operating Platform

Application Scenarios 2

Charging Operation, Distributed Energy Management

Core Functions 6

Asset Management, Energy Trading, Real-time Monitoring, Data Analysis, Predictive Maintenance, Strategy Optimization

CHARGE Energy Intelligent Charging Network

Provide one-stop full-scenario EV charging software solutions for global customers

- **Data**
  OCPP 1.6 & 2.0.1 and roaming
- **Transaction**
  Flexible billing methods including time, quantity and power
- **Payment**
  Support credit card and local payment
- **Open ecosystem**
  Continuously enrich functions and improve user product experience