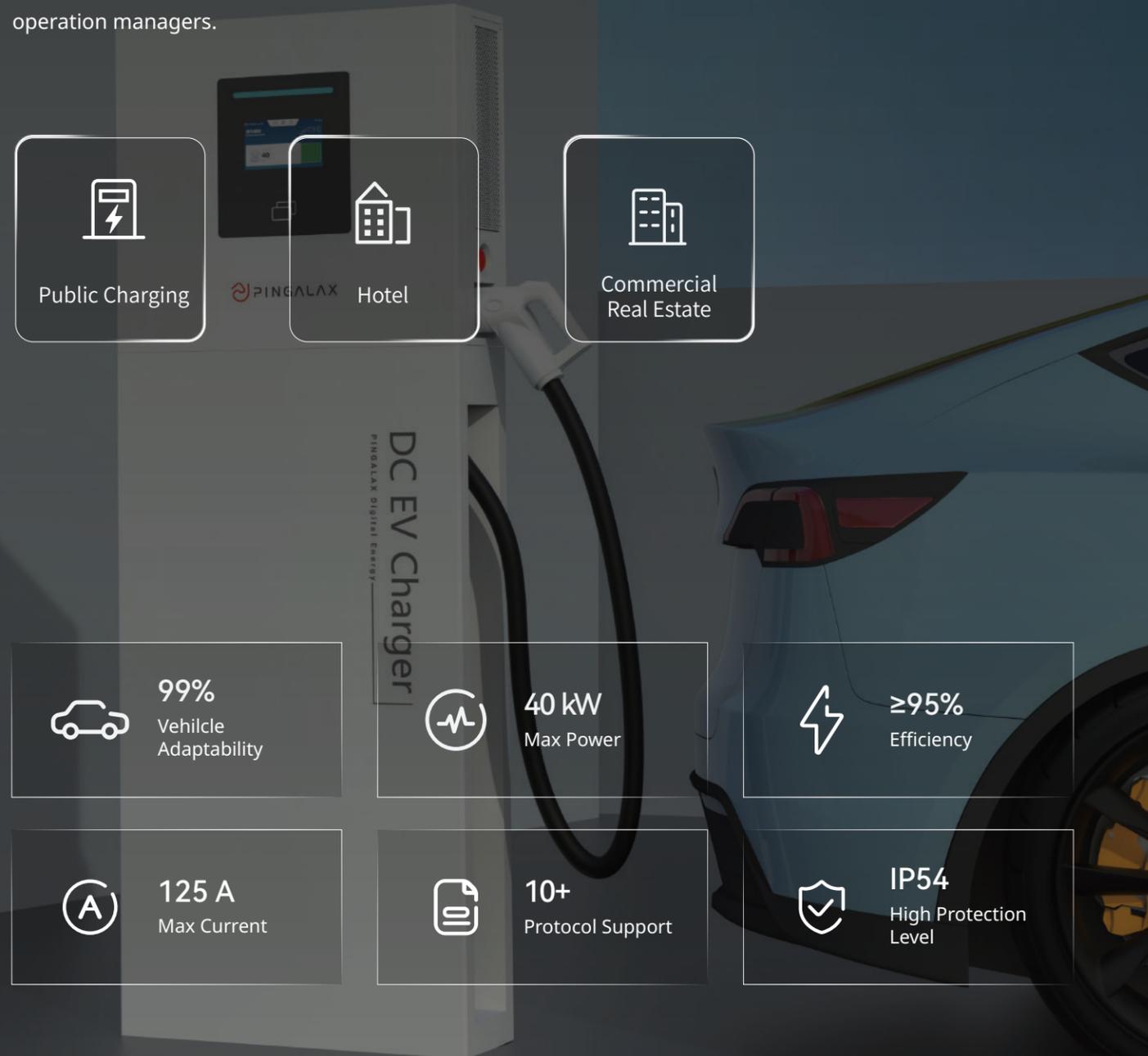## Mini Series

20-40kW DC Fast Charger

The PINGALAX Mini Series (Mini 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.
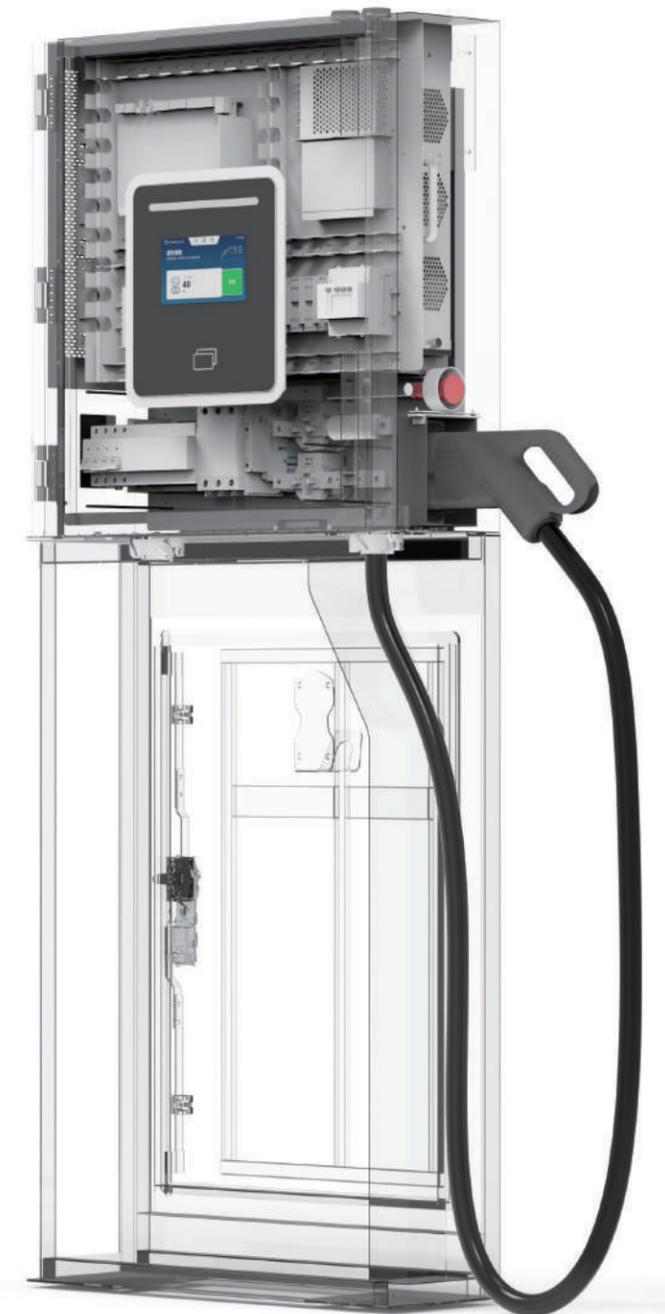
Multi-layered Safety Mechanism

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

PINGALAX

DC EV Charger
PINGALAX Digital Energy

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.

Compact Structure Design

Featuring optimized layout and modular architecture, maximizing functionality within a minimal footprint for effortless installation in constrained spaces.

User Centric Interface

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

SOC Lit Beacon

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

▶▶ Technical Parameters

Mini Series DC EV Charger   PCDC-WZ2

Product Information			
Product Name	M20	M30	M40
Product Model	PDS0020M-CN	PDS0030M-CN/PDS0030M-EU	PDS0040M-CN/PDS0040M-EU
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			
Product Model	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	IEC: EN 61851-1:2011, EN 61851-23:2014 GB: 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.