

Piccoli eFlex 40kW

CCS & CHAdeMO DC Fast EV Charger



eFlex 40kW DC **PICCOLI** charger is the top choice for charging electric vehicles today. It is designed for quick charging in both commercial and private locations, such as retail and mall parking spaces, fleet charging stations, highway service areas, workplaces, residences, etc.



Product highlights

For EV Charging **PICCOLI** User

- The **7-inch display** and **unique UI** offer good user display requirements for charging.
- The **lit LED beacons** allow users to quickly identify the current charging status.
- **Mobile app integration** feature provides users the convenience of remote operation and real-time charging status reminders.

For EV Charging Operator

- Its **metal casing and semi-gloss coating** ensure the appearance of the texture and meet the long-term outdoor use.
- Compliant with **OCPP 1.6** and above enables it to connect to the global EV charge management platform without additional integration and matching.
- It offers **wall-mounted** and **pedestal-mounted** installation methods which make it suitable for various installation scenarios and reduce unnecessary construction costs.
- **CCS and CHAdeMO** dual-connector output to meet all kinds EVs charging requirements. 5m cable length makes it easier to reach the vehicle charging location.
- **Remote upgrade and local upgrade** functions, which can upgrade the charger software locally or remotely when needed..



*Ambitious Revolution Through
Key Tech For A Clean World*

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Technical specifications	PCH040CJ	
System		
Housing material	Metal enclosure	
Dimension (H x W x D)	600 x 700 x 363mm, 1500 x 700 x 363mm (pedestal mount)	
Installation method	Wall mount, pedestal mount (optional)	
Cable routing	Bottom inlet, bottom outlet wiring	
Weight	N.W.: 95kgs, 120kgs (pedestal mount)	
Charging standard	IEC 61851, CHAdeMO	
Charging outlet	CHAdeMO JEVs G105, CCS Combo-2	
Outlet number	2	
Input		
Input voltage	400Vac +/-10%, 3-phase	
Input frequency	50Hz/60Hz	
Power factor	0.99	
Output		
Rated output power	CCS: 20kW, CHAdeMO: 20kW	CCS: 40kW, CHAdeMO: 40kW
Measuring accuracy	Level 0.5	
Output voltage range	150 – 750V DC, constant output @ above 300V	
Output current range	0 - 66A	0 - 132A
Efficiency	> 94% at rated output	
General		
Charging type	Mode 4	
User Interface	RFID, 7" touch screen, Emergency button	
Ethernet	10/100 BaseTX (TCP-IP)	
Cellular	LTE modem, GPRS/3G/4G	
Communication	CAN, PLC, OCPP 1.6 JSON	
Application place	Indoor/Outdoor	
Working temperature	-20 °C – +70 °C	
Working humidity	5% – 95% non-condensation	
Altitude	< 2000m	
Protection grade	IP54	
Cooling	Fan cooling	
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightning surge protection	