eFlex Wall-mounted DC fast charging station
20kW to 40kW DC output EV charger with slim design and high performance

The eFlex wall-mounted DC fast charging station with 40kW (CHAdeMO and CCS) dual outlets is a new version with credit reader solution for advanced payment options. Compatible with wall and pedestal mount for various applications.

Technical specifications	
System	
Housing material	Metal case
Dimension (L*W*H)	700*363*600mm, 700*363*1500 (pedestal mount)
Installation method	Wall mount, pedestal mount (optional)
Cable routing	Bottom inlet wiring, bottom outlet wiring
Weight	100kg, 125kg (pedestal mount)
EV charging modules installed	2 units
Cable length	5m
Charging outlets	2, single charging
Input	
Input voltage	3-phase+PE 400Vac 3-phase
Input frequency	50Hz/60Hz
Power factor	0.99
Output	
Max output power	40kW
Measuring accuracy	Level 0.5
Output voltage range	150-750V
Output current range	0-132A
Efficiency	≥95% @ nominal output power
General	
User Interface	Emergency button, LED indicators, RFID, 7" touch screen, Credit card reader (optional)
DC connector type	CCS combo-1/2, CHAdeMO
Communication	PLC, CAN, Ethernet, Wi-FI, LTE (optional), OCPP 1.6
Application place	Indoor/Outdoor
Working temperature	-20 °C – +70 °C (Output degraded above 50° C)
Working humidity	5% – 95% without condensation
Altitude	<2000m
Protection grade	IP54/IK10
Cooling	Fan cooling
MTBF	300,000 hours
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, over temp protection, lightening surge protection

Applications

✓ Parking lots
✓ Supermarkets and shopping malls
✓ Expressway service areas
✓ Gas stations
✓ Company work places
✓ EV charging service locations

Main features

✓ Quick and easy installation
✓ 40kW DC fast charging with CCS and CHAdeMO dual connectors
✓ Interactive UI for better operation experience
✓ Wide constant output power range
✓ RFID authorization and 7" LCD touch screen

Optional advanced features

✓ Credit reader for more payment option
✓ Multiple languages options
✓ Pre-integration with some leading OCPP compliant back-office management system