

eFlex EV DC fast charging station products with balancer reel

60kW to 160kW DC output with optional up to 22kW Type-2 AC output

The eFlex DC fast charging station is a dual DC outlets (CHAdeMO and CCS) 60 to 120kW (up to 160kW) fast charger with an optional Type-2 AC output up to 22kW that can be configured to meet different charging needs of both European and North American customers. It supports all three connectors charging simultaneously and balancer reel for advanced cable management.

Technical specifications	
System	
Housing material	Metal case
Dimension	700*700*1900mm (L*W*H)
Installation method	Ground mounting type
Cable routing	Bottom inlet wiring, upper outlet wiring
Weight	355kg
EV charging modules installed	4 to 8 units in parallel
Cable length	5m
Charging outlets	3, simultaneous charging
Input	
Input voltage	3-phase+PE 260-530Vac
Input frequency	50Hz/60Hz
Power factor	0.99
Output	
Max output power	DC 60 to 120kW & AC 22kW, expansion to 160kW
Measuring accuracy	Level 0.5
Output voltage range	150-750V DC, 400V AC
Output current range	0-200A DC, 32A AC
Efficiency	≥95% @ nominal output power
General	
User Interface	LED indicators, RFID, Credit card, Emergency button, 7" touch screen
DC connector type	CCS combo-1/2, CHAdeMO
AC connector type	IEC 61851 AC Type-2
Communication	PLC, CAN, PWM, 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
Cable management	Balancer reel
Protection grade	IP54/IK10
Cooling	Fan cooling
MTBF	300,000 hours
Safety standard	Complies with CE and ETL (not finished)
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection, over temp protection, lightning surge protection



Applications

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

Main features

- ✓ IP54 protection grade
- ✓ Quick and easy installation
- ✓ DC fast charging with CCS and CHAdeMO dual connectors
- ✓ Wide constant output power range from 300 to 750V
- ✓ 22kW AC Type-2 charging connector integration option
- ✓ Modular expansion to 160kW for faster charging speeds
- ✓ RFID authorization and 7" LCD touch screen

Optional advanced features

- ✓ Credit card payment integrated
- ✓ Multiple languages options
- ✓ Pre-integration with some leading OCPP compliant back-office management system