

EV-DC

DC EV Charger Range

Wall or Pedestal Mounted DC Fast Charger

For commercial sites, fleets and BESS-integrated projects



Key Benefits

- **DC Fast Charging:** Compact solution for commercial and fleet applications
- **Single or Dual CCS2 Output:** 20-40 kW single or 40-60 kW shared dual plug models
- **Smart Connectivity:** OCPP 1.6J with Ethernet, Wi-Fi and optional 4G
- **Integrated UI:** 7-inch LCD touch screen, LED indicator, RFID/card access and emergency stop
- **Outdoor Ready:** IP55-rated enclosure suitable for indoor and outdoor installation
- **High Efficiency:** $\geq 95\%$ conversion efficiency with low standby consumption
- **Built-In Protection:** Multiple protection systems for reliable and safe operation

Why Choose EV-DC?

Commercial Charging Ready: Compact DC charger options suited to workplaces, depots, commercial sites, visitor parking and fleet charging applications.

Smart Site Integration: OCPP 1.6J support allows connection to compatible charging management platforms for monitoring, access control and operational visibility.

Reliable DC Performance: High-efficiency power conversion and forced-air cooling support stable charging performance in demanding environments.

Safety-Focused Design: Integrated protection features, emergency stop, fault monitoring and user interface support safe operation for users and vehicles.

Installation & Support

- Integrated, wall-mounted or pedestal installation options available
- Suitable for indoor or outdoor installation
- PAX can support charger selection, site assessment and integration with BESS projects
- 24-month warranty within Australia. Terms and conditions apply



Model	EV-DC-20S	EV-DC-30S	EV-DC-40S	EV-DC-40D	EV-DC-60D
Charging Output					
Rated DC Output Power (kW)	20	30	40	40 Combined	60 Combined
Charging Outlets	1 x CCS2			2 x CCS2	
Cable length	1 × 5 m			2 × 5 m	
Rated Output Voltage (Vdc)	150-1000				
Output Current (A)	0-66.5	0-100	0-133		0-200
AC Data					
Rated AC input voltage (Vac)	380-415 / 3P+N+PE				
Rated AC input current (Aac)	34	51	68		102
Metering	1 × built-in DC energy meter			2 × built-in DC energy meters	
Monitoring and Control					
OCPP	OCPP 1.6J				
Network Interface	WiFi / Ethernet / Optional 4G				
Screen	7-inch LCD + LED Indicator				
User Interface	RFID card access, Emergency-stop button				
RFID Cards	2 cards included				
Protection & Certifications					
Standards / Certifications	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021				
Electrical Protection	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temperature Protection, Lightning Surge Protection, Emergency Stop, CP Signal Short-Circuit Protection and Contactor Adhesion Protection.				
General Data					
Application	Commercial and Industrial				
Installation	Wall-mounted, pedestal-mounted or PAX BESS-integrated installation options available				
Ingress Protection Rating (IP)	IP55				
Operating Temperature Range	−30°C to +50°C				
Operating Humidity Range	5%–95%				
Cooling	Forced-air cooling				
System Dimensions (mm)	450W × 250D × 850H			735W × 325D × 700H	
Enclosure Style	Metal (White)				
Weight (kg)	70	80	80	140	150
Warranty	24-month warranty. Terms and conditions apply.				

Note: EV-DC-40D and EV-DC-60D each have two CCS2 outlets.

With one vehicle connected, either outlet can deliver up to the charger's rated output.

With two vehicles connected, output is shared across both outlets, up to 40 kW or 60 kW combined respectively.

