

EV Charging · DC

SPACE EV DC 120/180 Charger

A 120 or 180 kW DC fast-charging station with two CCS2 cables for shopping centres and high-traffic car parks.

Product code: **SPC-EV-DC180**



Use case

A shopping centre by a motorway junction sees drivers stopping for a quick coffee and a short shopping trip.

A 180 kW station charges two cars at once, and an energy storage system can support it at peak times.

Price on request — official price list coming soon.

How it works

High power

120 kW or 180 kW with up to 300 A per CCS2 output.

Dynamic sharing

Power is split between two cars in 30 kW steps.

Clear interface

10.1" touchscreen and an optional card-payment terminal.



Specifications

PARAMETER	VALUE
Rated power	120 kW or 180 kW
Connectors	2 × CCS2, 4.5 m cables
DC output	150–1000 V, up to 300 A; constant power 300–1000 V
Power sharing	Dynamic, 30 kW minimum step
AC input	400 V; 184 A (120 kW) / 276 A (180 kW) rated
Communication protocol	OCPP 1.6J, OCPP 2.0.1
Vehicle communication	ISO 15118, ISO 15118-2, DIN 70121
User authentication	Mobile app, RFID, QR code, MAC autocharge, Plug & Charge; card-payment terminal optional
Connectivity	Ethernet (LAN), 4G, Wi-Fi
Grid connection	400 V AC ± 10%, 3P + N + PE, TN-S / TN-C-S / TT
Peak efficiency	≥ 95%
Power factor (full load)	≥ 0.99
Display	10.1" touchscreen
Ingress / impact protection	IP54 / IK10 (screen IK08)
Operating temperature	–25 to +50 °C (derating 50–65 °C)
Cooling	Forced air
Dimensions (W × D × H)	800 × 600 × 1700 mm
Weight	310 kg (120 kW) / 355 kg (180 kW)
Compliance (manufacturer declaration)	CE, UKCA, RCM, RoHS, REACH, EU RED cybersecurity

Detailed technical documentation and drawings are available on request.

How we work with you

- Check of available power and cable routes on site.
- Choice of chargers and load management for your car park.
- Configuration of access: RFID cards, app or payment terminal.
- Installation, commissioning and connection to an OCPP back office.

Contact

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