

EVPoint-DC-40-T-C 40kW

- Wall-mounted/pedestal design
- Single CCS2 Charging Connector
- 10" digital user interface
- 40kW DC Charging
- RFID access or simple Plug and Charge
- Fabricated from sheet metal
- Three-phase (260-530v AC) input
- Integrated with EVPoint Software for complete cloud based monitoring and management. (Optional)
- OCPP 1.6J compliant. Compatible with other platforms
- Anti-UV protection and IP55 rated
- Ethernet or 3G/4G connectivity
- No earth required (PEN Protection)
- Smart air cooling



The EVPoint DC40 is fitted with a single CCS2 charging cable and can be connected to any three-phase AC supply.

A lower powered DC charger can be a very cost-effective way to achieve faster charging times as it bypasses the onboard AC charger (which could be limited to 7 or 11kW) in your EV. This means an average 60kWh EV could be fully recharged in 1.5 hours (0-100%)

With an IP55 rated dust and waterproof design it is both suitable for outdoor use or inside a parking garage. The sleek and compact EVPoint DC40 charger is perfect for installations where space is limited as it can be wall-mounted but can also be supplied with an optional pedestal mount.

Access to the charging functions can be controlled by the built-in RFID card reader allowing only authorised users or staff members to start and stop the charging process. (Requires platform subscription)

We also offer an optional EVPoint PAYMENT SOLUTION allowing simple, app charging functions giving you the opportunity to generate revenue from the EV charger by allowing other users to pay on demand.

Like all EVPoint EV charging products the EVPoint DC40 is OCPP compliant for data transfer and communications and can be fully managed and monitored in real time via our optional EVPoint Cloud platform which can monitor and manage a single device or an entire nationwide network.

The EVPoint DC40 can connect via wired ethernet (standard) or by 3G/4G data network (optional).

Data Sheet

EVPoint DC40kW

Features	Installation (Hanging plug wire and plug head)	Wall-mount/Floor-stand
	Rated Power	40kW
	Charging Mode	Plug and charge, RFID Card
Input characteristics	Input voltage	Three phase AC 380V±15%(3P+N+PE)
	Grid frequency	50Hz/60Hz±1Hz
	Input current	40kW – 66A
	Power-on input impulse current	≤ Maximum input current 120%
	Input protection	Overvoltage, undervoltage protection, lightning protection, phase loss detection
	Input micro break	With Type A leakage micro-break
Output characteristics	Output current	100A
	Output voltage	DC 150V~1000V
	Output current limit protection	Yes
	Output short circuit protection	Yes
	Stable current accuracy	≤±1%
	Stable voltage accuracy	≤±0.5%
	Ripple factor	≤±0.5%
	Effectiveness	≥95%
	Power factor	≥0.98
	Working temperature	-30°C~+50°C
Structural electrical	IP protection level	IP55
	Size	760 x 500 x 280mm
	Wind tunnel cooling method	Bottom in top out Smart air cooling
	Altitude	≤2000m
	Noise	≤60dB

Data Sheet

EVPoint DC40kW

Connection method	Connection	Type C
	method Plug	CCS2
	standard Standard	EN IEC-61851-1:2019; EN61851-23:2014; EN 61851- 24:2014; EN IEC 61851-21-2:2021
	Cable Length	4m
User Interface	LCD	High-definition highlight touch screen
	LED	Charging green, fault red
	Button	EPO(Emergency stop detection)
Detection function	Emergency stop	Emergency stop cuts off DC output
	DC voltage sampling	DC+, DC- output DC voltage sampling
	BAT battery sampling	BAT+, BAT- battery voltage sampling
	DC current sampling	DC output current sampling
	Measurement accuracy	Level 1
	Battery reverse connection detection	Prevent the gun tip or battery from being reversed
	Connection temp.	Plug temperature detection
	Ambient temp.	Temperature check inside the case
	Insulation detection	DC+ and PE, DC- and PE impedance
	Leakage current detection	30mA leakage protection switch
	Protective function	Output short circuit protection, output over voltage protection, output over current protection, fan failure alarm
Maintenance	USB upgrade	Firmware upgrade