

BERCMAN ENERGY

DC-1 ultra-fast EV charger



The **Bercman Energy DC-1** is a robust and versatile solution designed for outdoor use, featuring a weatherproof casing rated **IP54** and **IK10**, making it highly durable in various environmental conditions. Its casing is **customisable with a choice of colours** and custom sticker or wrapping options, allowing it to blend seamlessly with different environments. The charger is equipped with **high-quality BRUGG eConnect cables**, ensuring reliable performance.

LED indicators on the left and right display the charging status clearly, while a **high-quality 32" display** enhances user interaction. The charger offers optional features like an integrated **contactless credit-card reader** terminal. Maintenance is straightforward with easy access points. **Enhanced cable management** and an **RFID card reader** for user authentication ensure secure and efficient operation, all while being **compliant with ISO 15118** standards.

Bercman Energy global network

Estonia, Sweden, Finland, UK, Bulgaria, Spain,
Qatar, China, Canada, Morocco

Technical Data

Made in **Europe** 

Bercman DC-1	150	180	240	300
✓ Maximum total DC power	150 kW	180 kW	240 kW	300 kW
Operating Specification				
✓ Dynamic power allocation (DPA)	in 30/60 kW steps		in 60 kW steps	
✓ Upgradeability	up to 300 kW			
✓ Outlet options	2 x CCS2			
✓ LCD Screen and LEDs	Full-color 32" LCD screen; status LED per outlet			
✓ Protection rating	IP54, IK10 (including display)			
✓ Ambient conditions	Operating temperature -40° C...+50° C < 95% relative humidity non-condensing			
✓ Electrical protection	Residual-current and surge protection, overvoltage protection, overtemperature protection			
✓ THDI	≤ 5 %			
✓ Power factor	> 0,99			
✓ Efficiency	≥96 %			
✓ Operating noise level	< 65 dB @ 5 m, full load			
Grid Information				
✓ Network type	TN-C, TN-S, TN-C-S or TT			
✓ AC input voltage	400 V AC (±10%)			
✓ Frequency range	45...55 Hz			
DC Outlet				
✓ Max. current at charger's outlet	CCS2: 1 x 250 A / 500 A peak (air-cooled cable), rated voltage 1000V			
✓ Output voltage range	150 – 1,000 V DC			
General Specification				
✓ Socket footprint (WxD) / Dimensions (HxWxD)	570 x 650 mm / 2,270 x 935 x 865 mm			
✓ Backend connectivity	OCPP 1.6J+			
✓ Remote management	Remote access, over-the-air (OTA) software updates			
✓ RFID	ISO/IEC 14443 A/B, ISO/IEC 15693			
✓ Authorisation/payment	RFID/NFC, Plug & Charge, POS Terminal (optional)			
✓ Network connection	Ethernet 10/100 Base; GSM / GPRS / UMTS / LTE			
Norms and Standards				
✓ CE-certified	Yes			
✓ Compliance to standards	IEC 61851-1, IEC 61851-21-2, IEC 61851-23			
✓ EV communication	ISO 15118, DIN 70121			
✓ Connector	CCS Combo 2 cable acc. to IEC 62893-4-1:2020, based on IEC 62196-3			
Charger cables				
✓ Cables	BRUGG eConnect PURWIL 500 Compact			
✓ Cable length	5 metres			

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