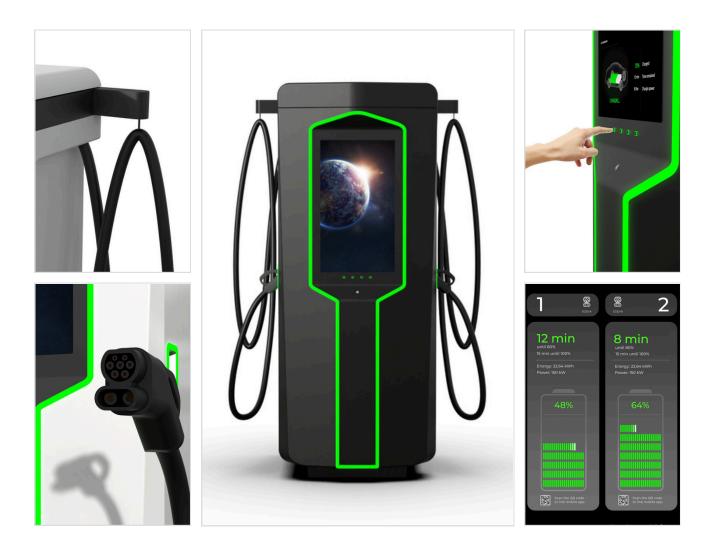
## BERCMAN ENERGY

## 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.







## **Technical Data**



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			
THD1	≤ 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	4555 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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For more information, please contact Bercman Energy Phone: +372 5982 5188 E-mail: arsen.muradov@bercman-energy.com