

D2+

**DC Electric Vehicle
Fast Charger**

Energise the Revolution

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D2+: DC Electric Vehicle Fast Charger

The eLumina D2+ is a powerful DC fast charger for urban and regional use. It delivers up to 360 kW with dynamic power allocation and charges two vehicles simultaneously. With high peak efficiency, it reduces wait times and improves energy use. When coupled together with an eLumina battery energy storage system (BESS), this can provide fast charging without the need for expensive grid upgrades. Its IP55-rated design ensures durability in extreme conditions. Secure connectivity and cloud-based monitoring keep it running smoothly. The D2+ supports CCS2 and optional CHAdeMO connectors. A 7" LCD touchscreen makes operation easy. It is a reliable and scalable solution for commercial, fleet, and public charging networks.



Product Highlights:

- Charge two vehicles simultaneously
- Suited for current and next generation EVs
- Dynamic power allocation and optimized charging time
- Industry-leading cybersecurity and functional safety
- Ongoing servicing and maintenance through our cloud platform and local team
- Australian owned and RCM certified

D2+ Data Sheet

Electrical Specifications (Output)			
Max DC Output Power Rating	240 kW	300 kW	360 kW
DC Output Voltage	150 – 1000 Vdc		
Charging Connector Rated Current	CCS1: 0 – 300 A (Support Dual-Connector)		
	CCS2: 0 – 300 A (Support Dual-Connector)		
Electrical Specifications (Input)			
Input Voltage Range	400 Vac +/- 15%		
Wiring Method	3P + N + PE		
Max Input Current	< 440 A	< 550 A	< 660 A
Max Efficiency	> 95% (Peak)		
Standby Power Consumption	< 50 W*N (Plug)		
Power Factor (Full Load)	> 0.99		
THDi	< 5%		
Mechanical Specifications			
Dimensions (L*W*H)	800 mm x 788 mm x 1980 mm		
Weight	≤ 707 kg		
Cable Length	5m (8 m Optional)		
Environmental Specifications			
Optional Altitude	Up to 2500 m		
Humidity	5 to 95 %RH Non-Condensing		
IP and IK Rating	IP55 and IK10 (cabinet) / IK8 (touch screen)		
Operating	-30 °C to +55 °C (Power De-Rating Applies)		
Basic Configurations			
Communications	4G LTE, Ethernet		
Communication Protocol	OCPP 1.6J (OCPP 2.0 Optional)		
User Authentication	APP, RFID, MAC, Screen Button		
User Interface	7" LCD Touch Screen		
Charging Connector	1 or 2		
Energy Metering	MID		
Protections	Over Voltage, Over Current, Overpower, Over Temperature, Under Voltage, Short-Circuit, Rapid Shutdown Protection, Residual Current Detection, Surge Protection, Door Access, Grounding Protection		
Standards			
Product Standards	IEC 61851 -1/23/24, IEC 62196 - 1/3, DIN 70121, ISO 15118		
Certifications	TUV CE, TR 25		
Warranty	2 Years (extended warranty available)		