

**D1:****All-in-one Energy Storage and EV Charging**

The eLumina D1 model is an ultra-fast charger for electric vehicles. The model brings together an energy storage system with an embedded lithium storage unit. The built-in 193KWh battery module allows to achieve an output power of 204KW at a 10-40KW input power. The model fits to most of the use cases with low requirement to the environment.

**Product Highlights:**

- Less than 40kW input for up to 204kW combined EV charging
- Single gun maximum output at 160kW
- Built-in 193 kWh battery with liquid cooling
- Two charging guns simultaneously charging two vehicles
- Easy to install, easy to relocate
- The only rapid charging solution for Australia's tough environment
- Ongoing servicing and maintenance through our cloud platform and local maintenance team
- Australian owned, RCM certified

**ENERGY STORAGE**

Energy Chemistry	Lithium-Ion (LFP)
Energy Storage Capacity	193kWh
Battery Cooling/Heating	Liquid

**ELECTRICAL SPECIFICATIONS (OUTPUT)**

Supported Connector Type	CCS2, CHAdeMO
Charge Ports	2
Max Output of Two DC Guns	204kW
Max Output of Single DC Gun	160kW
DC Charging Voltage Platform Voltage	200-920 Vdc
DC Charging Distribution	Flexible Allocation
DC Charging Protocol	ISO15118/ DIN70121/CharIN

**ELECTRICAL SPECIFICATIONS (INPUT)**

Rated Three Phase Input Voltage	400 Vac
Rated Three Phase Input Current	63 A
Rated Frequency	50 Hz
AC Supplementary Power	40 kW

**MECHANICAL SPECIFICATIONS**

Dimensions (L*W*H)	1300 mm x 1100 mm x 2200 mm
Weight	2550 Kg
Cabinet Transportation	Forklift + Hoisting
Cable Length	5 meters

**ENVIRONMENTAL SPECIFICATIONS**

Installation Location	Outdoor
Enclosure Protection Rating	Device IP54/Battery IP67.
Operating & Storage Temperature	-25° C to +50° C
Noise	<55dB
Environmental Protection Standard	ROHS2.0、REACH、POPS

**NETWORK & USER INTERACTION**

Network Connections	4G LTE, Ethernet
Communications	OCPP 1.6
User Interface Screen	10" touch screen
Advertising Screen	43" screen
POS Payment	Support credit card and debit card, swipe, tap & go
Payment Methods Accepted	Credit card, NFC, RFID, APP