

You Can Go anywhere, with Energy Everywhere

off-grid / on-grid

The Cangoee Power Node Family is a 110Ah slimline lithium (LiFePO4) solution with an integrated 120A BMS, 20A or 40A DCDC charger, ignition trigger and service port.

Capable of providing up to 120A of continuous discharge and 120A rapid charge, the model can be arranged in parallel to deliver increased power. Available in short and long series to accommodate and package various requirements and budgets.

Efficient and simple installation that fits perfectly behind and under seats, bolted to walls, or any underutilised areas.

Constructed using the very latest, premium prismatic cells. The smart design utilises a common form factor in a robust aluminium case allowing a staged approach to your vehicle's power needs.

The Cangoee Power Node Family is a cost-effective 4WD, canopy, and camper solution. Delivering power to all devices on your weekend adventures.

Trusted by Australian
Emergency Services

on-demand

- / Internal 20A or 40A configurable DCDC charger
- / Ignition trigger for smart alternators
- / Internal 120A BMS
- / Rapid 120A charge rate
- / 120A Discharge & 200A Surge
- / Increased capacity compared to AGM/ SLA batteries 50% lighter than other systems
- / Slim form factor in multiple configurations designed for parallel connection.
- / MCP multipin connector for DCDC, shunt configuration and cell monitoring
- / Inverter suitable power supply stud
- / 300A rated battery connectors



FAMILY TREE

BANK

LiFePO4 Battery only with integrated BMS.



NODE

A Bank PLUS integrated DCDC. Available in 20A and 40A.



HUB

A Node PLUS MPPT Solar Controller and Smart BMS isolation. Optional integrated Power Control Unit (PCU) variants.



Shown for illustration purposes only. Multiple models available.

WARRANTY

5 years.



Technical specifications

	CANGOEE POWER NODE 110AH 20A DCDC SHORT	CANGOEE POWER NODE 110AH 40A DCDC LONG
PART NUMBER	CANS110NO20	CANL110NO40
OVERVIEW	110Ah Lithium (LiFePO4) Battery Power Node with 20A DCDC Charger Short	110Ah Lithium (LiFePO4) Battery Power Node with 40A DCDC Charger Long
CAPACITY	110Ah	110Ah
INTEGRATED 20A DCDC CHARGER	✓	-
INTEGRATED 40A DCDC CHARGER	-	✓
IGNITION TRIGGERED DCDC CHARGER	✓	✓
INPUT/OUTPUT CONNECTOR	M6 BUS STUD & MCP	M6 BUS STUD & MCP
NOMINAL VOLTAGE	12.8V	12.8V
CHARGE VOLTAGE	14.6V Max	14.6V Max
FLOAT VOLTAGE	13.6V	13.6V
CHARGE CURRENT	120A	120A
DISCHARGE CURRENT	120A max cont. 200A surge	120A max cont. 200A surge
OPERATING TEMPERATURE	0-45°C	0-45°C
WEIGHT	13.1kg	13.5kg
LIFE AT 80% DOD	2000 cycles	2000 cycles
LIFE AT 50% DOD	5000 cycles	5000 cycles
SIZE	L - 637mm (with stud: 670mm) H - 264mm D - 50mm	L - 750mm (with stud: 783mm) H - 264mm D - 50mm
BMS PROTECTED	✓	✓
LOW SOC PROTECTIVE CUT-OUT	✓	✓
MCP SERVICE PORT	✓	✓



Australian designed, engineered, supported and manufactured.



Optional extras

- ✓ Vehicle Specific Plug & Play Assembly Kits
- ✓ Strategic System Integration Options Canopy

- ✓ Canopy Installation Kits
- ✓ Drawer Mount Assembly
- ✓ Mounting Bracket Optional

- ✓ Cable Connection Kit
- ✓ Advanced Switching Configurations

- ✓ Monitoring Kit