

## You Can Go anywhere, with Energy Everywhere

off-grid / on-grid

**The Cangoee High Power (HP) is a 110Ah Lithium (LiFePO4) solution with an impressive 200A BMS and 400A Surge.**

Allowing you to bring 240V appliances and power up to 2000VA inverters to keep you off-grid longer. Designed for installations where space is a premium, without needing to upgrade to a larger battery.

Available in two variations: Cangoee Node HP and Hub HP to suit various requirements and budgets.

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 HP Family is a perfect start to building your grid for 4WD, canopy, and campers. Delivering reliable power for holiday adventures.

Trusted by Australian  
Emergency Services

### on-demand

- / Internal 200A BMS
- / Rapid 200A charge rate
- / 200A Discharge & 400A Surge
- / Increased capacity compared to AGM/ SLA batteries 50% lighter than other systems
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 75/15
- / MCP multipin connector for cell monitoring
- / Inverter suitable power supply stud
- / 300A rated battery connectors
- / Designed and fully assembled in Australia



## 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 110 – HIGH POWER	CANGOEE POWER HUB 110 – HIGH POWER (DRAWER & CANOPY)
PART NUMBER	CANL110NO40-HP	CANI040SID-HP CANI1040SIC-HP
OVERVIEW	110Ah Lithium (LiFePO4) Power Node HP with 200A BMS and 40A smart DCDC battery charger.	110Ah Lithium (LiFePO4) Power Hub HP with 200A BMS, 40A smart DCDC battery charger and MPPT Solar Controller 75/15.
CAPACITY	110Ah	110Ah
INTEGRATED 40A DCDC CHARGER	✓	✓
IGNITION TRIGGERED DCDC CHARGER		✓
MPPT SOLAR CONTROLLER 75/15		✓
INPUT/OUTPUT CONNECTOR	M6 BUS STUD & MCP	M6 BUS STUD & ANDERSONS
NOMINAL VOLTAGE	12.8V	12.8V
CHARGE VOLTAGE	14.6V Max	14.6V Max
FLOAT VOLTAGE	13.6V	13.6V
CHARGE CURRENT	200A	200A
DISCHARGE CURRENT	200A max cont. 400A surge	200A max cont. 400A surge
OPERATING TEMPERATURE	0–45°C	0–45°C
WEIGHT	13.5kg	18.5kg
LIFE AT 80% DOD	2000 cycles	2000 cycles
LIFE AT 50% DOD	5000 cycles	5000 cycles
SIZE	L - 750mm (with stud: 783mm) H - 264mm D - 50mm	L - 1060mm H - 268mm D - 61mm
BMS PROTECTED	✓	✓
LOW SOC PROTECTIVE CUT-OUT	✓	✓



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