

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