

You Can Go anywhere, with Energy Everywhere

off-grid / on-grid

The Cangoee Powermate is an adaptable 110Ah Lithium (LiFePO4) solution for configurable scaling and flexibility.

The Cangoee Powermate system allows for quick access to individual batteries giving you mobile energy options and optimising the usage of your investment. Available in three variants: Cangoee Power Bank, Node, and Mini Hub.

The systems fit perfectly behind or under seats, adjacent to walls or integrated into our multiple rack system for efficient installation and multi-use.

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 Powermate Family is a cost-effective 4WD, canopy, and camper solution. Delivering reliable power for AMG upgrades and weekend adventures.

Trusted by Australian
Emergency Services



on-demand

- ✓ Internal 40A configurable DC/DC charger
- ✓ 75V/15A Smart Solar Controller
- ✓ Smart Shunt with Bluetooth Connectivity
- ✓ 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 DC/DC, 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

	POWERMATE BANK	POWERMATE NODE	POWERMATE MINI HUB
PART NUMBER	CANR110BA	CANR110NO20	CANR110NO20S15
OVERVIEW	110Ah lithium (LiFePO4) battery bank with 100A BMS. Requires external charging device.	110Ah lithium (LiFePO4) battery node with 120A BMS and integrated 20A Smart DC/DC charger.	110Ah lithium (LiFePO4) battery mini hub with 120A BMS and integrated 20A Smart DC/DC charger and MPPT Solar Controller 75V/15A with BT connectivity.
CAPACITY	110Ah	110Ah	110Ah
INTEGRATED 20A DC/DC CHARGER	-	✓	✓
IGNITION TRIGGER DC/DC OPTION	-	✓	✓
SOLAR CONTROLLER	-	-	Smart MPPT Solar Controller Input 75V and Output 15A
INPUT / OUTPUT CONNECTOR	High current 6mm bus stud with automotive multipin connector	High current 6mm bus stud with automotive multipin connector	High current 6mm bus stud with automotive multipin connector
NOMINAL VOLTAGE	12.8V	12.8V	12.8V
CHARGE VOLTAGE	14.8V	14.8V	14.8V
FLOAT VOLTAGE	13.6V	13.6V	13.6V
CHARGE CURRENT	120A	120A	120A
DISCHARGE CURRENT	100A max cont. 200A surge	100A max cont. 200A surge	100A max cont. 200A surge
OPERATING TEMP	0 - 45°C	0 - 45°C	0 - 45°C
WEIGHT	11.8kg	11.9kg	12.4kg
LIFE @ 80% DOD	2000 cycles	2000 cycles	2000 cycles
LIFE @ 50% DOD	5000 cycles	5000 cycles	5000 cycles
SIZE	L - 295mm (with handle: 330mm) H - 230mm D - 140mm	L - 295mm (with handle: 330mm) H - 230mm D - 140mm	L - 295mm (with handle: 330mm) H - 230mm D - 140mm
BMS PROTECTED	✓	✓	✓
LOW SOC PROTECTIVE CUT-OUT	✓	✓	✓



Australian designed, engineered, supported and manufactured.



Quick rack and stack Cangoee Powermate, removal and mobile ideal for camping. Perfect for the manufacturer or integrator that needs the ability to mix and match and expand.



110Ah

or



330Ah

or



660Ah