



You Can Go anywhere, with Energy Everywhere

off-grid / on-grid

The Cangoee Power Hub is a fully integrated 110Ah and 220Ah lithium (LiFePO4) solution for all vehicle power needs.

A plug-and-play system with an integrated BMS, 40A smart DCDC battery charger, ignition trigger, MPPT Solar Controller with Bluetooth connectivity, and service port.

Available in 110Ah and 220Ah configurations, providing up to 200A of continuous discharge to suit various requirements and budgets.

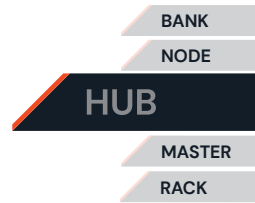
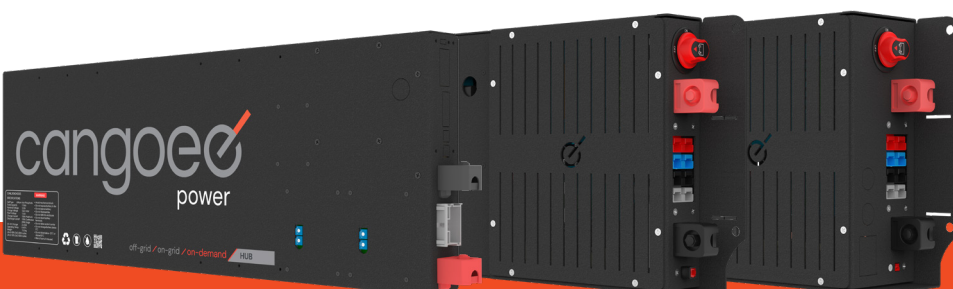
With the option to upgrade to a Cangoee Power Control Unit (PCU). The PCU is a digital power distribution unit capable of switching 80Amp across 14 digital channels, replacing the conventional fuse box.

The Cangoee 110Ah Slimline Mini Hub offers a mid-range solution with an integrated 40A DCDC, MPPT 75/15 Solar Controller and 500A Smart Shunt with Bluetooth connectivity. A quality standalone energy solution, perfect for tighter spaces.

Delivering a time-tested package and engineer verified with an installer kit for an efficient and simple installation.

Constructed using the very latest, premium prismatic cells. The smart design utilises a common form factor in a robust aluminium case and is the 'heavy duty' force in the Cangoee Power Family.

The Cangoee Power Hub Family is a complete 4WD, canopy and camper system solution. Delivering reliable power for any adventures: weekends, holidays, and outback.



on-demand

- Advanced compact all in one system within installation chassis.
- Slim form factor in multiple configurations designed and fully assembled in Australia
- Engineer Verified System
- Smart Shunt with Bluetooth connectivity
- Smart MPPT Solar Controller 75-15 (110) or 100-20 (220)
- Dual level battery protect
- Circuit isolation switch for safety*
- Plug and play raw unregulated solar input - Red Anderson
- Plug and play DCDC charging input - Blue Anderson*
- AC charging input - Black Anderson*
- Parallel Grey Anderson 12V output *
- Inverter suitable power supply stud
- Common earth stud

*Not included in Slimline Mini Hub

Trusted by Australian Emergency Services



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.

cangoee.com

Technical specifications

	CANGOEE POWER SLIMLINE MINI HUB 110	CANGOEE POWER HUB 110 (DRAWER & CANOPY)	CANGOEE POWER HUB 220 (DRAWER & CANOPY)	CANGOEE POWER HUB 110 PCU (DRAWER & CANOPY)	CANGOEE POWER HUB 220 PCU (DRAWER & CANOPY)
PART NUMBER	CANL110N040S15	CAN11040SID CAN11040SIC	CAN22040S2D CAN22040S2C	CAN11040SID PCU CAN11040SIC PCU	CAN22040S2D PCU CAN22040S2C PCU
OVERVIEW	110Ah Lithium (LiFePO4) Battery	110Ah Lithium (LiFePO4) Battery Power Hub	220Ah Lithium (LiFePO4) Battery Power Hub	110Ah Lithium (LiFePO4) Battery Power Hub (PCU)	220Ah Lithium (LiFePO4) Battery Power Hub (PCU)
ADDITIONAL FEATURES	Includes smart shunt & 15A solar charger.	Includes smart shunt, MPPT solar controller, battery protect, isolation switch, solar input, DCDC input, 12V output, 240V charging input and inverter suitable studs.			
CAPACITY	110Ah	110Ah	220Ah	110Ah	220Ah
INTEGRATED 40A DCDC CHARGER	✓	✓	✓	✓	✓
IGNITION TRIGGERED DCDC CHARGER	✓	✓	✓	✓	✓
INPUT/OUTPUT CONNECTOR	M6 BUS STUD & MCP	M6 BUS STUD & ANDERSONS	M6 BUS STUD & ANDERSONS	M6 BUS STUD & ANDERSONS	M6 BUS STUD & ANDERSONS
NOMINAL VOLTAGE	12.8V	12.8V	12.8V	12.8V	12.8V
CHARGE VOLTAGE	14.6V Max	14.6V Max	14.6V Max	14.6V Max	14.6V Max
FLOAT VOLTAGE	13.6V	13.6V	13.6V	13.6V	13.6V
CHARGE CURRENT	120A	120A	200A	120A	200A
DISCHARGE CURRENT	120A max cont. 200A surge	120A max cont. 200A surge	200A max cont. 400A surge	120A max cont. 200A surge	200A max cont. 400A surge
OPERATING TEMPERATURE	0-45°C	0-45°C	0-45°C	0-45°C	0-45°C
WEIGHT	19kg	18.5kg	32.9kg	18.5kg	32.9kg
LIFE AT 80% DOD	2000 cycles	2000 cycles	2000 cycles	2000 cycles	2000 cycles
LIFE AT 50% DOD	5000 cycles	5000 cycles	5000 cycles	5000 cycles	5000 cycles
SIZE	L - 750mm (with stud: 783mm) H - 264mm D - 50mm	L - 1060mm W - 268mm D - 61mm	L - 1060mm W - 268mm D - 112mm	L - 1060mm W - 268mm D - 61mm	L - 1060mm W - 268mm D - 112mm
BMS PROTECTED	✓	✓	✓	✓	✓
LOW SOC PROTECTIVE CUT-OUT	✓	✓	✓	✓	✓
MONITORING AND SERVICE INTERFACE CONNECTION	✓	✓	✓	✓	✓
BLUETOOTH INTEGRATION	Solar only	✓	✓	✓	✓
VICTRON SMARTSOLAR MPPT 75/15	✓	✓	-	✓	-
VICTRON SMARTSOLAR MPPT 100/20	-	-	✓	-	✓
VICTRON SMART SHUNT 500A	✓	✓	✓	✓	✓
VICTRON BATTERY PROTECT SMART - 12V 65A	-	✓	✓	✓	✓
MCP SERVICE PORT	✓	-	-	-	-
PCU - ELECTRONIC CIRCUIT PROTECTION, CONTROL & MONITORING	Optional	Optional	Optional	✓	✓



Australian designed, engineered, supported and manufactured.



Optional extras

✓ Vehicle Specific Plug & Play Assembly Kits

✓ Canopy Installation Kits

✓ Strategic System Integration Options Canopy

✓ Drawer Mount Assembly

✓ Mounting Bracket Optional

✓ Cable Connection Kit

✓ Advanced Switching Configurations

✓ Monitoring Kit