

Weekend Adventures

Are you planning a quick escape to the great outdoors?



Explore how our lithium (LiFePO4) integrated solutions can keep your devices powered throughout your short but exciting journey.

Our Cangoee 110Ah battery is a good choice for short trips lasting one to three days. Experience the convenience of our systems, capable of powering lights, portable fridges, phones, and laptops.

Installing an inverter with a power rating of 250 and 800 watts is an option if you want to go that extra amp hour. And remember, you can top up all your energy requirements with solar panels and our integrated DCDC charger.

Begin your weekend adventures with a Cangoee Power System

OPTION 1 Cangoee Power Node

- / 110Ah (LiFePO4) Lithium Iron
- / 120A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated design



OPTION 2 Cangoee Slimline Mini Hub

- / 110Ah (LiFePO4) Lithium Iron
- / 120A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 75/15
- / Integrated design







OPTION 3 Cangoee Power Hub - Canopy

- / Plug & Play complete system
- / 110Ah (LiFePO4) Lithium Iron
- / 120A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 75/15
- / Integrated design



Consumption

Ready to find your perfect system? List the items you want to power with your Cangoee systems. Our load calculation table will give you some examples of your daily power consumption and charging.

APPLIANCE	WATTS	WATTS/VOLTS (12.8) = AMPS	DAILY USAGE	TOTAL CAPACITY USED
 PORTABLE FRIDGE	18W	$18 \div 12.8 = 1.41A$ 50% Cycle	12 hours	17Ah
 PHONE CHARGER	5W	$5 \div 12.8 = 0.5A$	6 hours	3Ah
 VARIOUS LED LIGHTING	6 x 5W	$30 \div 12.8 = 2.5A$	5 hours	13Ah
 LAPTOP CHARGER	65W	$65 \div 12.8 = 5A$	2 hours	10Ah
TOTAL APPLIANCE DAILY CONSUMPTION / LOAD				43Ah

Charging

ENERGY DISCHARGING OR CHARGING	TIME & QUANTITY	OUTPUT / INPUT AMPS
Estimated Daily Usage	Daily Loads	- 43Ah
Daily Travelling Time (40A DCDC Battery charger)	1 hour 30 mintues @ 40A	+ 60Ah
ENERGY STATUS: + SURPLUS / - DEFICIT		+17Ah Per Day

Note: Additional solar, travel or a genset may be required to sustain these usage figures. A little extra battery capacity is a good idea to have on hand in case of bad weather or limited solar power.

Outcome

Our 110Ah battery still leaves you with plenty of capacity the whole weekend.



Australian designed, engineered, supported and manufactured.



Holiday Adventures

Are you embarking on an extended getaway, exploring new destinations and making lasting memories?



Discover how our lithium (LiFePO4) integrated solutions offer you the freedom to explore with uninterrupted power during your epic journey.

Our Cangoee 110Ah HP (High Power) Battery is perfect to start building your grid. If you want to bring in some 240V appliances, our HP and 220Ah Power Hub can power up to 2000VA inverters.

If you are thinking of using induction cookers and coffee machines, it's best to have a 220Ah Power Hub battery that can handle a continuous 200Amps output. These appliances are power-hungry!

Upgrade your energy game with a solar panel and 240V charger to keep your battery fully charged.

Begin your holiday adventures with a Cangoee Power System

OPTION 1 Cangoee Power Node – High Power

- / 110Ah (LiFePO4) Lithium Iron
- / 200A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated design



OPTION 2 Cangoee Power Hub High Power – Drawer or Canopy

- / 110Ah (LiFePO4) Lithium Iron
- / 200A BMS – High Power
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 75/15
- / Integrated design









OPTION 3 Cangoee Power Hub – Drawer or Canopy

- / Plug & Play complete system
- / 220Ah (LiFePO4) Lithium Iron
- / 200A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 75/15
- / Integrated design



Consumption

Ready to find your perfect system? List the items you want to power with your Cangoee systems. Our load calculation table will give you some examples of your daily power consumption and charging.

APPLIANCE	WATTS	WATTS/VOLTS (12.8) = AMPS	DAILY USAGE	TOTAL CAPACITY USED
 45 LITRE FRIDGE	30W	$30 \div 12.8 = 2.3A$ 50% Cycle	12 hours	28Ah
 PHONE CHARGER	5W	$5 \div 12.8 = 0.5A$	6 hours	3Ah
 VARIOUS LED LIGHTING	6 x 5W	$30 \div 12.8 = 2.3A$	5 hours	11Ah
 LAPTOP CHARGER	65W	$65 \div 12.8 = 5A$	2 hours	10Ah
 SINGLE INDUCTION COOKTOP	1800W	$1800 \div 12.8 = 140A$	30 minutes 50% Half Power	70Ah
 COFFEE MACHINE	1400W	$1400 \div 12.8 = 110A$	3 x 2 minutes	11Ah
TOTAL APPLIANCE DAILY CONSUMPTION / LOAD				133Ah


Charging

ENERGY DISCHARGING OR CHARGING	TIME & QUANTITY	OUTPUT / INPUT AMPS
Estimated Daily Usage	Daily Loads	-133Ah
Daily Travelling Time (40A DCDC Battery charger)	2 hours @ 40A	+80Ah
Solar Panel Input (1 x 200W)	4 hours @ 15A	+60Ah
ENERGY STATUS: + SURPLUS / - DEFICIT		+7Ah Per Day

Note: Additional solar, travel or a genset may be required to sustain these usage figures. A little extra battery capacity is a good idea to have on hand in case of bad weather or limited solar power.

Outcome

Our 110Ah and 220Ah battery still leaves you with plenty of capacity for your entire holiday adventure.

 Australian designed, engineered, supported and manufactured.



Outback Adventures

Are you heading deep into the rugged outback for an unforgettable adventure?



Learn out how our lithium (LiFePO4) integrated solutions are designed for the toughest conditions, allowing all the comforts of home in any off-grid location.

Our Cangoee 220Ah Power Hub extends all the way to our 660Ah Power Rack providing you with power no matter where you are. Feel empowered to harness energy your own way with our top of the range systems. Whether it's using induction cooktops, coffee machines, or air fryers, we've got your back. For larger 240V appliances our systems can power inverters ranging from 1500VA to 3000VA.

If you want to go even further, adding more solar panels and a genset charger can significantly increase your energy reserves, which is ideal for dealing with cloudy weather when there is no solar action.

Begin your outback adventures with a Cangoee Power System

OPTION 1 Cangoee Power Hub

- / 220Ah (LiFePO4) Lithium Iron
- / 2 x 100A BMS (200Amp continuous)
- / Integrated 40A smart DCDC battery charger
- / Integrated MPPT Solar Controller 100/20
- / Integrated design
- / Inverter Charger



OPTION 2 Cangoee Power Rack (up to 660Ah)








- / Plug & Play complete system with screen + tanks
- / Up to 660Ah (LiFePO4) Lithium Iron
- / Capacity up to 300A BMS
- / Integrated 40A smart DCDC battery charger
- / Integrated multiple MPPT Solar Controller 75/15
- / Designed for caravans and large capacity needs
- / Integrated design
- / Inverter Charger



330Ah
Shown

Consumption

Ready to find your perfect system? List the items you want to power with your Cangoe systems. Our load calculation table will give you some examples of your daily power consumption and charging.

APPLIANCE	WATTS	WATTS/VOLTS (12.8) = AMPS	DAILY USAGE	TOTAL CAPACITY USED
 85 LITRE FRIDGE	60W	$60 \div 12.8 = 5A$ 50% Cycle	12 hours	60Ah
 PHONE CHARGER	5W	$5 \div 12.8 = 0.5A$	6 hours	3Ah
 VARIOUS LED LIGHTING	6 x 5W	$30 \div 12.8 = 3A$	5 hours	15Ah
 LAPTOP CHARGER	65W	$65 \div 12.8 = 5A$	2 hours	10Ah
 SINGLE INDUCTION COOKTOP	1800W	$1800 \div 12.8 = 140A$	30 minutes 50% Half Power	70Ah
 COFFEE MACHINE	1400W	$1400 \div 12.8 = 110A$	3 x 2 minutes	11Ah
 AIR FRYER/HAIR DRYER	1800W	$1800 \div 12.8 = 140A$	15 minutes	35Ah
TOTAL APPLIANCE DAILY CONSUMPTION / LOAD				203Ah

Charging

ENERGY DISCHARGING OR CHARGING	TIME & QUANTITY	OUTPUT / INPUT AMPS
Estimated Daily Usage	Daily loads	-203Ah
Daily Travelling Time (40A DCDC Battery charger)	2 hours @ 40A	+80Ah
Solar Panel Input (200W)	4 hours @ 20A	+80Ah
240V Inverter Charger / Genset	2 hours @40A	+80Ah
ENERGY STATUS: + SURPLUS / - DEFICIT		+37Ah Per Day

Note: Additional solar, travel or a genset may be required to sustain these usage figures. A little extra battery capacity is a good idea to have on hand in case of bad weather or limited solar power.

Outcome

Our 220Ah up to 660Ah batteries still leave you with plenty of capacity for your entire outback adventure.



Australian designed, engineered, supported and manufactured.

