

You Can Go anywhere, with Energy Everywhere

off-grid / on-grid

The Cangoee G49 series is a unique and adaptable power solution, constructed using the very latest, high quality prismatic lithium iron phosphate cylindrical cells. The smart rectangular design utilises a common form factor in a robust ABS case allowing a staged approach to your vehicle's power needs and is IP65 Rated.

This 12V/240Ah rectangular lithium battery comes equipped with integrated internal BMS, optional Bluetooth connectivity, simple and efficient to install complete with fitment kits and comprehensive instruction manual.

Victron Integration, with the CANG49S-12240BT. The Cerbo GX is a flexible communication centre that will take remote monitoring to the next level. With all the hardware connection possibilities to fit your every need.

The Cangoee G49 series provides up to 200A of continuous discharge, 800A (300ms) rapid charge and can be arranged in parallel to deliver increased power.

Suitable for emergency services, large corporate fleet, 4WD enthusiasts, canopy builders and the motor body building sector, the Cangoee G49 series fits perfectly to provide power for all your dual battery needs. It's compact and smart design makes it fast to install and is easily transferred from vehicle to vehicle, if desired.

The Cangoee G49 series delivers a cost effective 4WD, canopy, caravan, camper, and marine system solution time tested, engineer verified, all boxed up and ready to go.

Trusted by Australian
Emergency Services



G27 Series



G49 Series

on-demand

- ✓ Victron Cerbo GX integration (CANG49S-12240BT)
- ✓ Internal 200A BMS
- ✓ Bluetooth – Android/IOS (CANG49S-12240BT only)
- ✓ Rapid 120A charge rate
- ✓ 240A Discharge & 800A Surge (300ms)
- ✓ Twice the capacity of AGM/SLA batteries 50% lighter than other systems
- ✓ Rectangular form factor in multiple configurations designed for parallel connection.
- ✓ Inverter suitable
- ✓ UL1642, IEC62619, IEC62133 listed with Cycle life more than 6000 times @80% DoD.
- ✓ Australian owned and engineered



FAMILY TREE

BANK

LiFePO4 Battery only with integrated BMS



G27 Series – available in Bank & Bank-BT

BANK-BT

LiFePO4 Battery only, with integrated BMS & Bluetooth connectivity



G49 Series – available in Bank & Bank-BT

Victron Cerbo GX
(intergrates with BANK-BT)



WARRANTY

3 Years *conditional.

Technical specifications

	CANG49-12240	CANG49S-12240BT
NOMINAL VOLTAGE	12.8V	12.8V
NOMINAL CAPACITY	240Ah	240Ah
PARALLEL CONNECTION	Max. 6x Units	Max. 6x Units
SERIAL CONNECTION	Max. 4x Units	Max. 4x Units
BMS	4S200A	4S200A
BLUETOOTH	N/A	Android/IOS
VICTRON CERBO GX INTEGRATION	N/A	Yes
CIRCUIT PROTECTION	Over Charge, Over Discharge, Over Current, Over Temp, Short, Balance, Low Temp.	
CYCLE LIFE	6000 times Cycles @80% DoD	
SELF-DISCHARGE	Less than 3% per month	
CHARGE EFFICIENCY	100% @0.2C	
DISCHARGE EFFICIENCY	98-100% @1C	
CHARGE VOLTAGE	14.4±0.2V	14.4±0.2V
STANDARD CURRENT	48A	48A
FAST CURRENT	120A	120A
MAX. CONTINUOUS CURRENT	200A	200A
PEAK CURRENT	800A (300ms)	800A (300ms)
CUT-OFF VOLTAGE	10V	10V
DIMENSION (mm)	490 x 171 x 240mm (G49 series)	
APPROX. WEIGHT	23Kg	23Kg
TERMINAL TYPE	M8	M8
CASE COLOUR/TYPE	Black - ABS (Acrylonitrile Butadiene Styrene)	
IP RATING	IP65	IP65
CELL TYPE	Cylinder LiFePO4 Cell	
CELL HOLDER	Yes	Yes
CHARGE TEMP	0°C to 55°F (32°F to 131°F)	
DISCHARGE TEMP	-20°C to 60°C (-4°F to 140°F)	
STORAGE TEMP	-5°C to 45°C (23°F to 113°F)	



Australian owned and engineered



Optional extras

✓ Fully Integrates with Victron Cerbo GX

✓ Strategic System Integration Options

✓ Cable Connection Kit

✓ Advanced Switching Configurations

✓ Monitoring Kit