



K32 Lithium Battery

Remote Building Power System



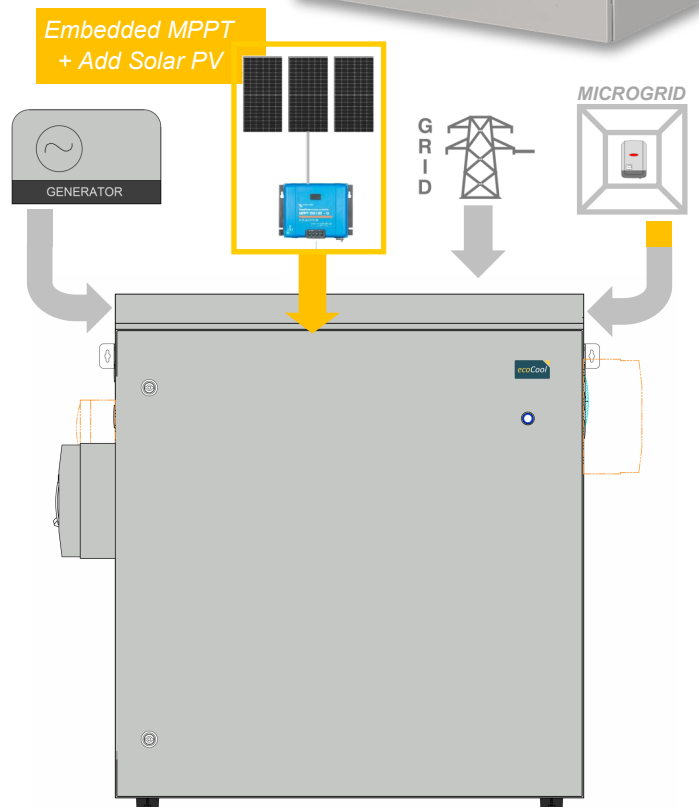
www.ecocool.com.au

ecoCool's **K32 Lithium Remote Building Power System** is a complete, Lithium Remote Area Power System (RAPS) for your building. The K32 battery allows you to generate, store and use solar energy onsite. Upgradable in 5KWh battery modules, in a robust outdoor enclosure.

The K32 battery system is an economical, smart way of supply power to your remote building. It has its own solar MPPT, battery inverter charger and control features, and works with local microgrids, generator or grid.

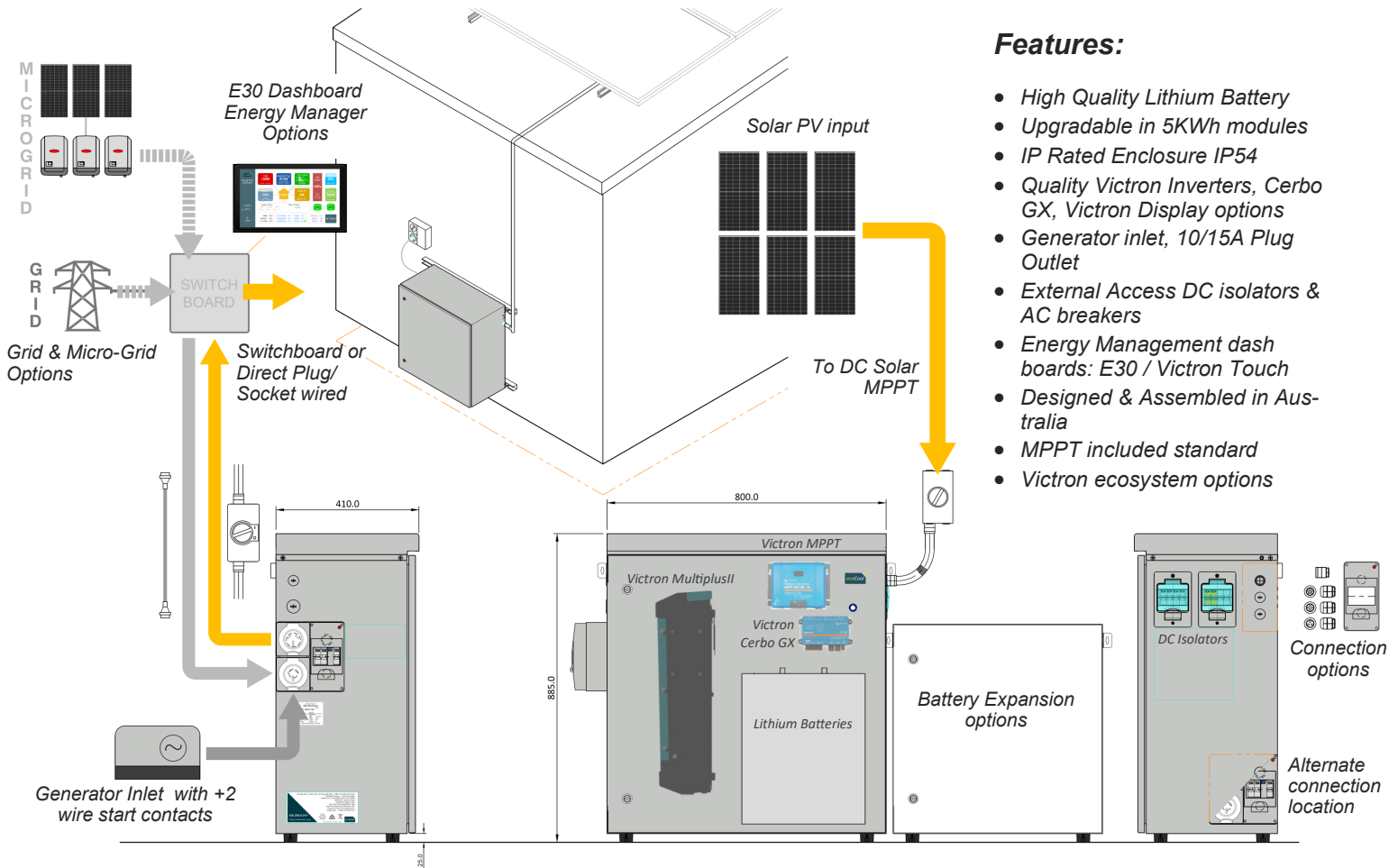


Models:	K32A.3000.50-45 K32A.3000.100-45	K32A.5000.100-45 K32A.5000.100-90
Single/Three Phase	1 phase	1 phase
Output:	Output Voltage: 230V a.c. Frequency: 50Hz*	
Output Power (at 25°C):	3000VA / 2400W	5000VA / 4000W
Max. Input Current:	32 A	50 A
Use Application:	On-grid Off-grid	On-grid Off-grid
Battery		
Battery Capacity KWh:	5 10 +Exp	10 +Exp
Battery Size (Ah):	100 200 Exp: 300+	200 Exp: 300+
Battery Nom. Voltage:	51V d.c. (48V Nom.)	
Battery Type	LiFePO4 (Lithium)	
Enclosure		
Enclosure type:	Galvanised Steel Steel (S/Steel 316 optional)	
Enclosure colour:	Powdercoated Light Grey, RAL7035	
Enclosure (5-10KWh) mm:	885Hx800Wx400D	885Hx800Wx400D
Enclosure (15-20KWh) mm:	Exp:600Hx600Wx600D	Exp:600Hx600Wx400D
Weight (kg):	110 146	167 203 209
Warranty	Inverter, System: 5 Yrs, Lithium Battery: 10 Yrs	
Cont. output power at 25°C:	2400W	4000W
Rated Max. Solar PV input:	2600W	2600W 5200W
Practical Max. Solar input:	3500W	3500W 7000W



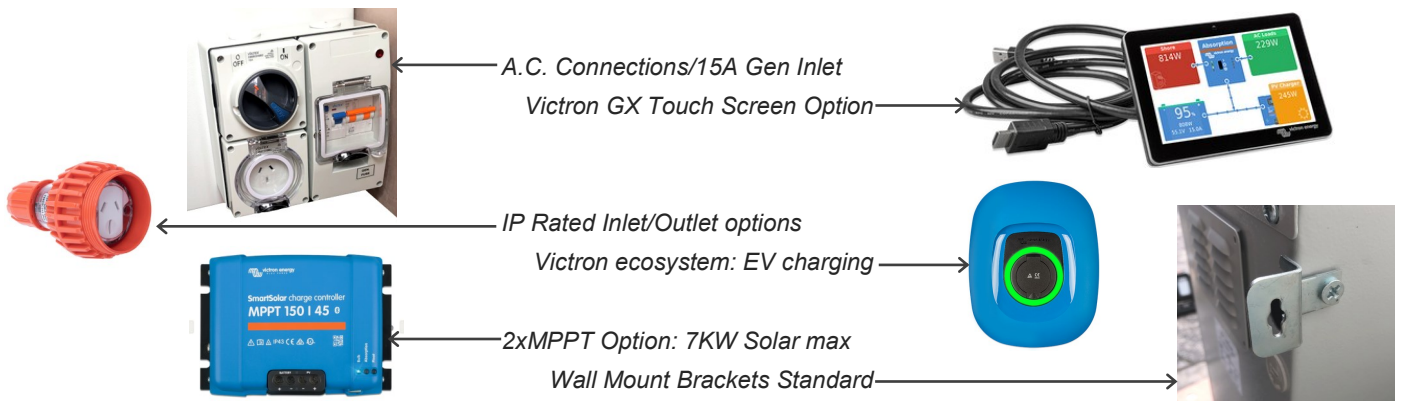
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Features:

- High Quality Lithium Battery
- Upgradable in 5KWh modules
- IP Rated Enclosure IP54
- Quality Victron Inverters, Cerbo GX, Victron Display options
- Generator inlet, 10/15A Plug Outlet
- External Access DC isolators & AC breakers
- Energy Management dash boards: E30 / Victron Touch
- Designed & Assembled in Australia
- MPPT included standard
- Victron ecosystem options



A.C. Connections/15A Gen Inlet

Victron GX Touch Screen Option

IP Rated Inlet/Outlet options

Victron ecosystem: EV charging

2xMPPT Option: 7KW Solar max

Wall Mount Brackets Standard

Model:	Specifications	Casing Size	500W.Hrs	KWh	Inverter	MPPT	Battery	Control
K32.3000.G.50-45	Lith. Battery 5 KWh, 3KVA Output, 45A MPPT	885Hx800Wx400D	10 hours	5 KWh	Multi 3KVA	450/100	Vaulta 5KWh	GX
K32.3000.G.100-45	Lith. Battery 10 KWh, 3KVA Output, 45A MPPT	885Hx800Wx400D	20 hours	10 KWh	Multi 3KVA	450/100	Vaulta 5KWh	GX
K32.5000.G.100-45	Lith. Battery 10 KWh, 5KVA Output, 45A MPPT	885Hx800Wx400D	20 hours	10 KWh	Multi 5KVA	150/45	Vaulta 5KWh	GX
K32.5000.G.100-60	Lith. Battery 10 KWh, 5KVA Output, 60A MPPT	885Hx800Wx400D	20 hours	10 KWh	Multi 5KVA	250/60	Vaulta 5KWh	GX

Expansion:		
K32.EXP.100	K32 10KWh Expansion 2 Module Enclosure	600Hx600Wx300D
K33.EXP.100	K33 10KWh Expansion 2 Module+MPPT Encl	800Hx800Wx400D
B1174	Vaulta 5KWh Vaulta lithium Battery Module	

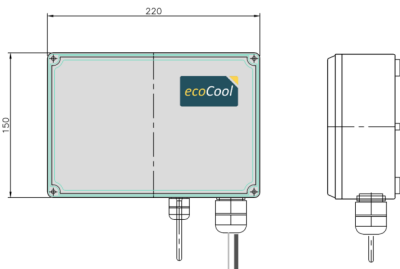
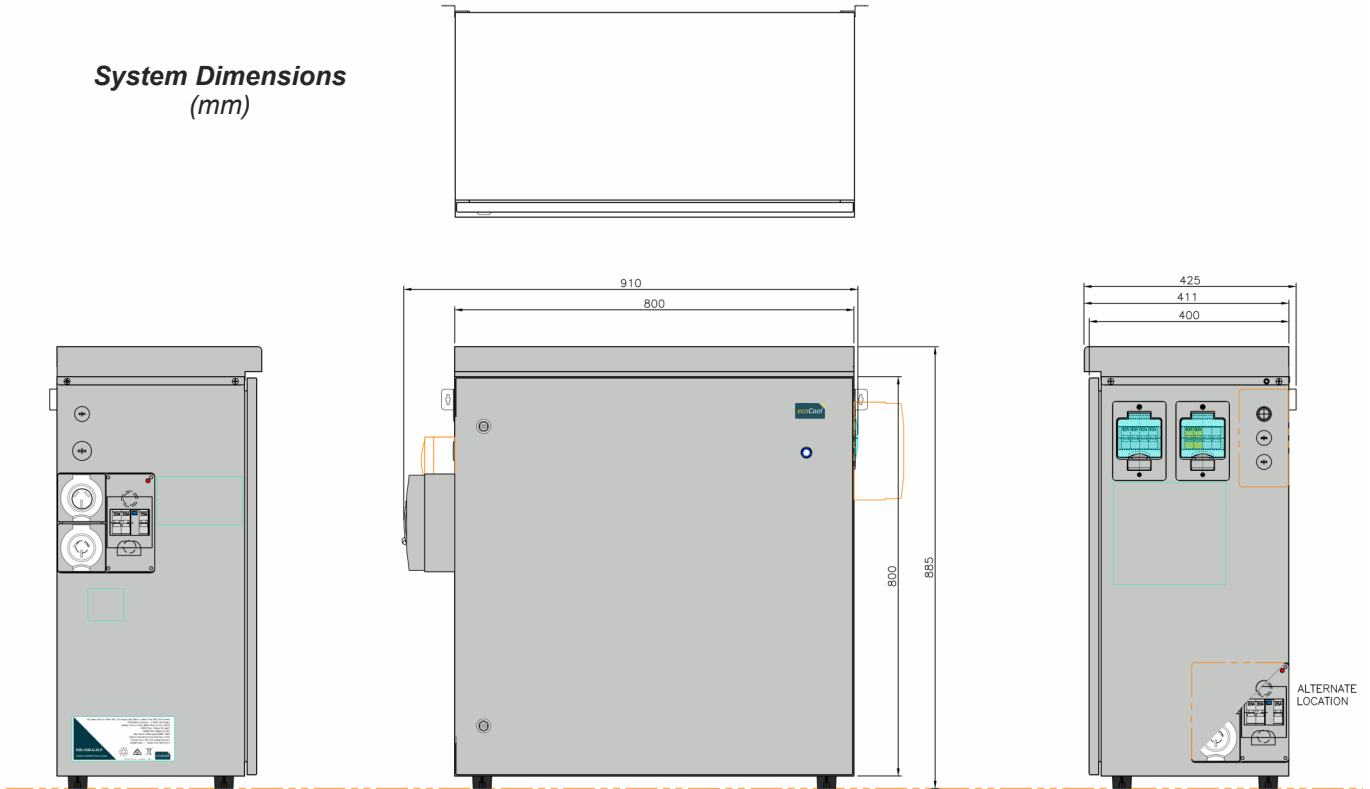
Telemetry:	
i36.01.01	4G Modem Basic 2-port, 48v Power embedded
i36.01.02	4G Modem Wifi-router 2Port, 48v Power
i36.02.01	4G Modem Basic 1-port, 48v Power, IP Enclos.
i36.02.02	4G Modem Wifi-router, 48v Pwr, IP Enclos.
i36.02.03	4G Modem Basic 1-port, 9-30v Power, IP Enclo

Optional:		Specifications
Optional	B1116	15A Generator Inlet
Optional	B1114	40A Isolator 2 way
Optional	B1134	4Pole Solar MCB breaker/IP rated
Optional	B0840	Victron GX Touch 50 Screen
Optional	B1078	Victron GX Touch 70 Screen
Optional	B1077	Victron EV Charging Station NS
Optional	B1133	Victron Smartsolar 150/45 MPPT

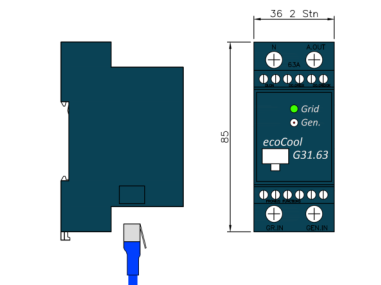
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System Dimensions
(mm)



136.02.01 Telemetry Option
(non-embedded version)



G31.63 Gen/Grid Changeover
Option



E30.400.01 Energy Management Option

Quality Components:

- Victron MultiplusII Inverter/Charger
- Victron Cerbo GX Controller
- Victron Solar MPPT (150/45 Smart)
- Vaulta 5KWh Lithium Battery
- ecoCool E30 Dashboard Options
- Victron ecosystem options



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