



K33 Lithium Off-grid System

Off-grid, Remote Power

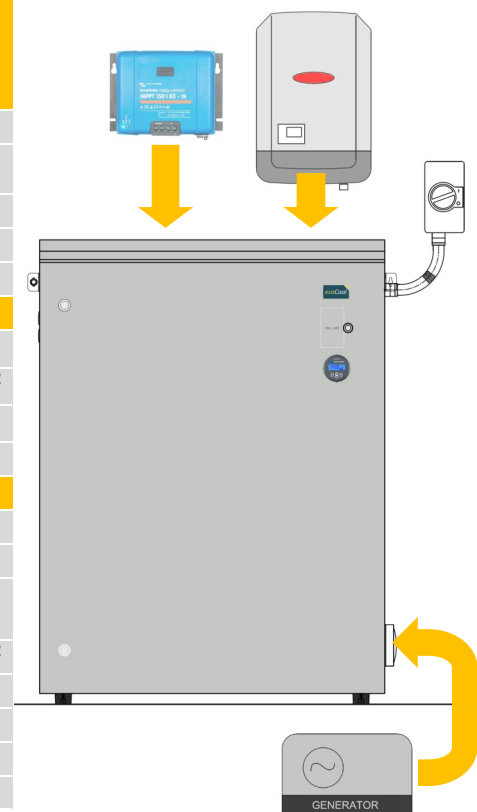
www.ecocool.com.au

ecoCool's **K33 Lithium Offgrid System** is a complete, Victron based Energy System for your off-grid home. The K33 allows you to be up and running quickly with plug-and-play elements, using the Victron ecosystem. Upgradable in 3KWh modules, in a neat weatherproof enclosure.

The K33 off-grid system uses Victron components like the MultiplusII Inverter/Charger, Cerbo GX, and ecoCool's E30 energy dashboard. With internal (or external) MPPT solar controllers, and a 15A Generator inlet.



Models:	K33.3000.G.60.xx K33.3000.G.90.xx K33.3000.G.120.xx	K33.5000.G.90.xx K33.5000.G.120.xx K33.5000.G.150.xx K33.5000.G.180.xx K33.5000.G.210.xx	K33.8000.G.120.xx K33.8000.G.150.xx K33.8000.G.180.xx K33.8000.G.210.xx K33.8000.G.240.xx
Single/Three Phase	1 phase	1 phase	1 phase
Output:	Output Voltage: 230V a.c. Frequency: 50Hz*		
Output Power (at 25°C):	3000VA / 2400W	5000VA / 4000W	8000VA / 6400W
Max. Input Current:	32 A	50 A	100 A
Use Application:	Off-grid Off-grid	On-grid Off-grid	On-grid Off-grid
Battery			
Battery Capacity KWh:	6 9 12	9 12 15 18 21	12 15 18 21 24
Battery Size (Ah):	116 174 232	174 232 290 348 406	232 290 348 406 464
Battery Nom. Voltage:	51.2V 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 (6-12KWh) mm:	800Hx800Wx300D	1000Hx800Wx400D	1920Hx800Wx400D
Enclosure (15-24KWh) mm:	800Hx1200Wx300D	1000Hx1200Wx400D	
Weight (kg):	138 174 210	194 230 266 302 338	260 296 332 368 404
Warranty	Inverter, System: 5 Yrs, Lithium Battery: 10 Yrs		
Cont. output power at 25°C:	2400W	4000W	6400W
Cont. output power at 40°C:	2200W	3700W	5500W
Peak power (0.5 sec.):	5500W	9000W	15000W

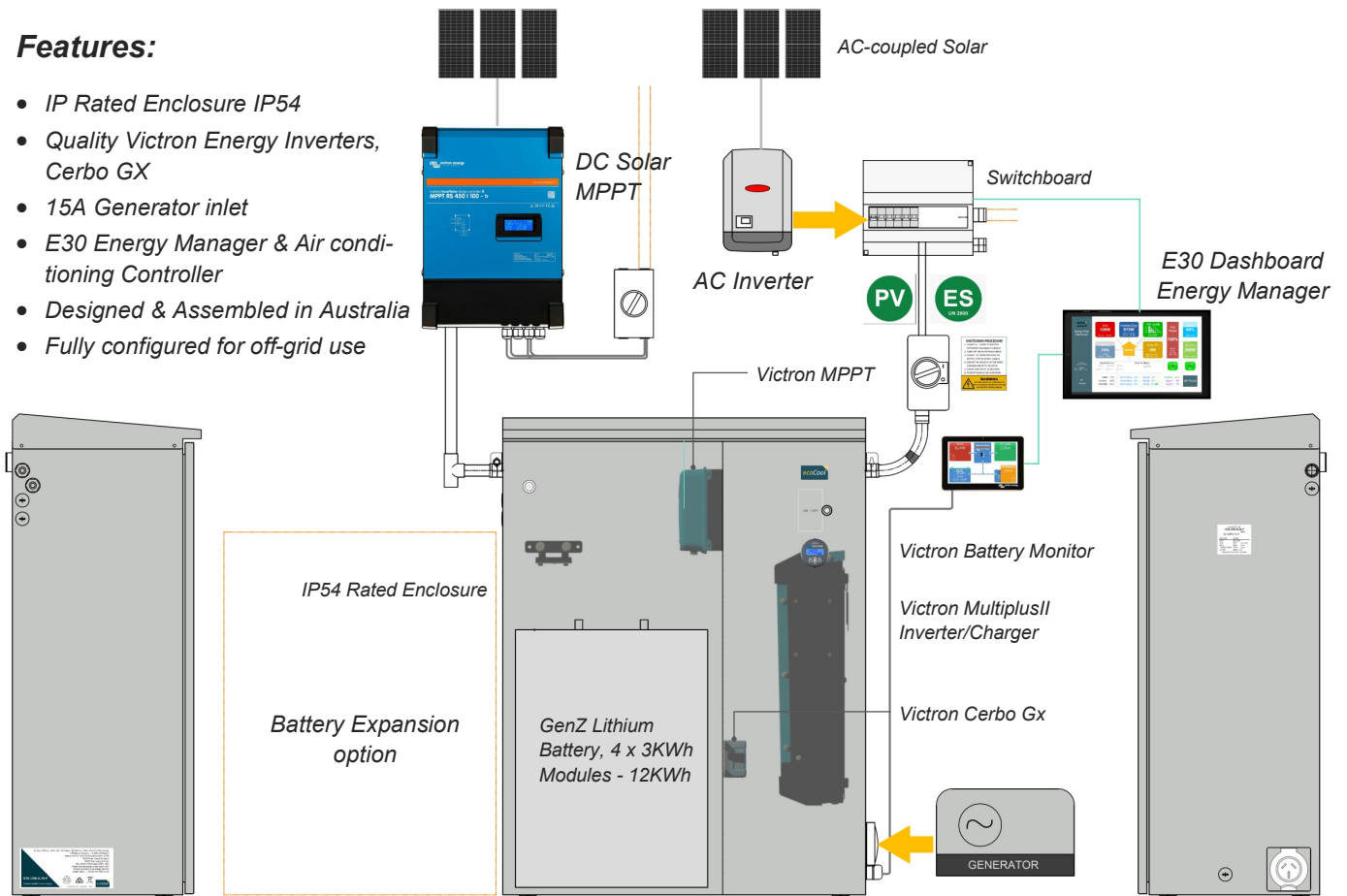


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Features:

- IP Rated Enclosure IP54
- Quality Victron Energy Inverters, Cerbo GX
- 15A Generator inlet
- E30 Energy Manager & Air conditioning Controller
- Designed & Assembled in Australia
- Fully configured for off-grid use



Model:	Specifications	Casing Size	500W.Hrs	KWh	Inverter	Battery	Control	Other
K33.3000.G.60.+	Lithium Battery 6 KWh, 3000VA Output	800Hx800Wx400D	12 hours	6 KWh	Multi 3KVA	GenZ 3KWh	GX+E30	Comms opt
K33.3000.G.90.+	Lithium Battery 9 KWh, 3000VA Output	800Hx800Wx400D	18 hours	9 KWh	Multi 3KVA	GenZ 3KWh	GX+E30	Comms opt
K33.3000.G.120.+	Lithium Battery 12 KWh, 3000VA Output	800Hx800Wx400D	24 hours	12 KWh	Multi 3KVA	GenZ 3KWh	GX+E30	Comms opt
K33.5000.G.90.+	Lithium Battery 9 KWh, 5000VA Output	1000Hx800Wx400D	18 hours	9 KWh	Multi 5KVA	GenZ 3KWh	GX+E30	Comms opt
K33.5000.G.120.+	Lithium Battery 12 KWh, 5000VA Output	1000Hx800Wx400D	24 hours	12 KWh	Multi 5KVA	GenZ 3KWh	GX+E30	Comms opt
K33.5000.G.150.+	Lithium Battery 15 KWh, 5000VA Output	1000Hx800Wx400D+	30 hours	15 KWh	Multi 5KVA	GenZ 3KWh	GX+E30	Comms opt
K33.5000.G.180.+	Lithium Battery 18 KWh, 5000VA Output	1000Hx800Wx400D+	36 hours	18 KWh	Multi 5KVA	GenZ 3KWh	GX+E30	Comms opt
K33.5000.G.210.+	Lithium Battery 21 KWh, 5000VA Output	1000Hx800Wx400D+	42 hours	21 KWh	Multi 5KVA	GenZ 3KWh	GX+E30	Comms opt
K33.8000.G.120.+	Lithium Battery 12 KWh, 8000VA Output	1920Hx800Wx400D	24 hours	12 KWh	Multi 8KVA	GenZ 3KWh	GX+E30	Comms opt
K33.8000.G.150.+	Lithium Battery 15 KWh, 8000VA Output	1920Hx800Wx400D	30 hours	15 KWh	Multi 8KVA	GenZ 3KWh	GX+E30	Comms opt
K33.8000.G.180.+	Lithium Battery 18 KWh, 8000VA Output	1920Hx800Wx400D	36 hours	18 KWh	Multi 8KVA	GenZ 3KWh	GX+E30	Comms opt
K33.8000.G.210.+	Lithium Battery 21 KWh, 8000VA Output	1920Hx800Wx400D	42 hours	21 KWh	Multi 8KVA	GenZ 3KWh	GX+E30	Comms opt
K33.8000.G.240.+	Lithium Battery 24 KWh, 8000VA Output	1920Hx800Wx400D	48 hours	24 KWh	Multi 8KVA	GenZ 3KWh	GX+E30	Comms opt

Quality Components:

- Victron Multiplus II Inverter/Charger
- Victron Cerbo GX Controller, BMV Monitor
- Victron SmartShunt
- GenZ 3KWh 48v Lithium Battery Modules
- ecoCool E30 Energy Dashboard



ecoCool Pty Ltd
 4/30 Fremantle St,
 Burleigh Heads Qld 4220
 p +61 7 5525 5964
 e info @ ecoCool.com.au
 www.ecocool.com.au