



K28L Lithium Battery

On-grid, Off-grid, Backup Power



www.ecocool.com.au

ecoCool's **K28L Lithium Battery Storage System** is a complete, Lithium Energy Storage System (ESS) for your home. The K28L battery allows you to store solar energy during the day. In upgradable 3KWh modules, in a neat outdoor weatherproof enclosure.

Think of the K28 battery system as an economical, high value way of using your solar panels to consume your own solar power at night. And it works with any grid connected solar inverter.



Models:	K28L.1600.G.30 K28L.1600.G.60	K28L.2000.G.30 K28L.2000.G.60 K28L.2000.G.90 K28L.2000.G.120	K28L.3000.G.30 K28L.3000.G.60 K28L.3000.G.90 K28L.3000.G.120	K28L.5000.G.60 K28L.5000.G.90 K28L.5000.G.120	K28L.5000.G.150 K28L.5000.G.180 K28L.5000.G.210 K28L.5000.G.240
Single/Three Phase	1 phase	1 phase	1 phase	1 phase	1 phase
Output:	Output Voltage: 230V a.c. Frequency: 50Hz*				
Output Power (at 25°C):	2000VA / 1600W	2000VA / 1600W	3000VA / 2400W	5000VA / 4000W	5000VA / 4000W
Max. Input Current:	35 A	35 A	32 A	50 A	50 A
Use Application:	On-grid Off-grid	On-grid Off-grid	On-grid Off-grid	On-grid Off-grid	On-grid Off-grid
Battery					
Battery Capacity KWh:	3 6	3 6 9 12		6 9 12	15 18 21 24
Battery Size (Ah):	58 116	58 116 174 232	58 116 174 232	116 174 232	290 348 406 464
Battery Nom. Voltage:	51.3V d.c. (48V Nom.)				
Battery Type	LiFePO4 (Lithium)				
Enclosure					
Enclosure type:	Galvanised Steel Steel (S/Steel 316 optional)				
Enclosure colour:	Powdercoated Light Grey, RAL7035				
Weight (kg):	90, 125	107 143 179 215	110 146 181 217	167 203 239	285 320 356 392
Warranty	Inverter, System: 5 Years, Lithium Battery: 10 Years				
Cont. output power at 25°C:	1600W	1600W	2400W	4000W	4000W
Cont. output power at 40°C:	1400W	1400W	2200W	3700W	3700W
Peak power (30 min.):	2600W	2600W	3120W	5200W	5200W
Peak power (5 sec.):	3000W	3000W	3600W	6000W	6000W
Peak power (0.5 sec.):	3500W	3500W	5500W	9000W	9000W