



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 4KWh 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.3000.G.40 K28L.3000.G.80 K28L.3000.G.120 K28L.3000.G.160	K28L.5000.G.40 K28L.5000.G.40 K28L.5000.G.120 K28L.5000.G.160	K28L.4800-3.G.40 K28L.4800-3.G.80 K28L.4800-3.G.120 K28L.4800-3.G.160	K28L.9000-3.G.80 K28L.9000-3.G.120 K28L.9000-3.G.160	K28L.15000-3.G.80 K28L.15000-3.G.120 K28L.15000-3.G.160
Single/Three Phase	1 phase	1 phase	3 phase	3 phase	3 phase
Output:	Output Voltage: 230V a.c. Frequency: 50Hz*				
Output Power (at 25°C):	3000VA / 2400W	5000VA / 4000W	4800VA / 3900W	9000VA / 7200W	15000VA / 12000W
Max. Input Current:	32 A	50 A	48 A	96 A	150 A
Use Application:	On-grid Off-grid	On-grid Off-grid	Off-grid Backup	On-grid Off-grid	On-grid Off-grid
Battery					
Battery Capacity KWh:	4 8 12 16 20 24 28 32		4 8 12 16	8 12 16	8 12 16
Battery Size (Ah):	78 156 234 312 78 x Module Qty		78 156 234 312	156 234 312	156 234 312
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):	112, 155, 198, 241	125, 168, 211, 254	133, 176, 219, 262	199, 242, 285	239, 282, 325
Warranty	10 Years				
Cont. output power at 25°C:	2400W	4000W	3900W	7200W	12000W
Cont. output power at 40°C:	2200W	3700W	3300W	6600W	11100W
Peak power (30 min.):	3120W	5200W	5070W	9360W	15600W
Peak power (5 sec.):	3600W	6000W	5850W	10800W	18000W
Peak power (0.5 sec.):	5500W	9000W	8400W	16500W	27000W