



version 2.0 / D. de Vries / all4solar

What battery do you need?



Batterytype	Lead acid deep cycle	Lead acid AGM	LiFePo4 lithium iron phosphate	Lithium Polymer
Use	Trolling Used periodically	Some high power use Thrust	High power Speed & Thrust	High power Speed & Thrust
Cycles	700-1200	600-1000	1800-2500	900-1400
Capacity 1 h	55-60%	60-65%	90-95%	90-95%
Price/KW h	AUD 280.00	AUD 300.00	AUD 750.00	AUD 1500.00
Weight/KW h	28 kg	28 kg	11 kg	7 kg
Price for 5 KW available in 1 hour	AUD 2325.00 (8.3 KW/20 h)	AUD 2310.00 (7.7 KW/20 h)	AUD 4050.00 (5.4 KW/1 h)	AUD 8100.00 (5.4 KW/1 h)
Batt.Manag.Syst.	No	No	Included	Included

If weight is no issue and the boat is used for trolling, occasionally full power or equipped with a permanent solar charger, lead acid batteries are still the most economic option. For more power efficiency and a high end solution LiFePo4 batteries are most reliable and best selection. We do not recommend the installation of Lithium Polymer batteries if used

For online calculations use our free web – calculator:

http://www.all4solar.com.au/ALL4SOLAR_CALCULATOR.htm

high speed with two motors...



cruising with no noise... pure elegance...



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