

# Paragon™ Solar Battery



ecoCool's *Paragon™* Home Energy Storage System is a complete, low cost Energy Storage System (ESS) for your home. The *Paragon™* battery system allows you to **store solar energy during the day**.

Think of the *Paragon™* battery system as a low cost, high value way of using your solar panels to **self-consume your own solar power at night**.

Don't lock yourself into long payback periods with other chemistries: *Paragon™* gets you into a home battery now, enabling upgrade when high-tech batteries become economically viable. **Saves you money now, and you can still upgrade to higher-tech batteries later.**

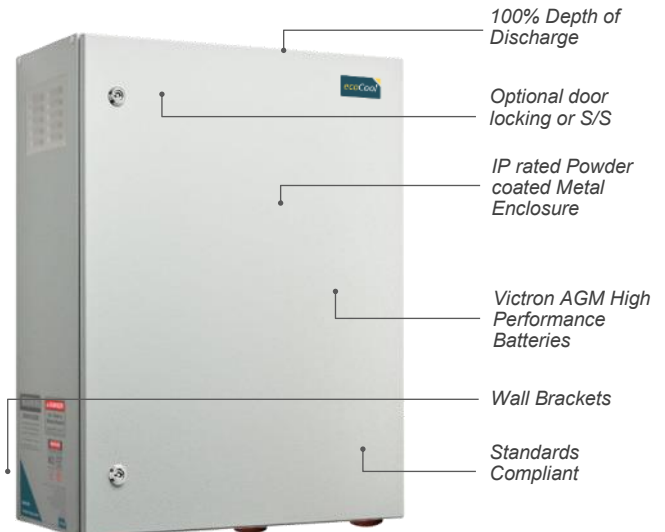
**Join the energy revolution.**



0% Interest Finance Available\*

## Cost effective, Solar Energy Storage

Feature	Specification
Nominal Voltage	48V dc
Capacity (100% DOD) KWh	2.9   5.8   8.6   11.5
Capacity (50% DOD) KWh	1.5   2.9   4.3   5.8
Capacity Ah	60Ah to 300Ah
Battery Chemistry	AGM, High discharge
Maximum Depth of Discharge	100%
Depth of Discharge Max Cycles	50%
Cycles 30% Depth of Discharge	1250+
Designed for Standards	AS2676.2, AS4902.2
Rated for Outdoor Use	IP54
Warranty System	5 Years
Warranty Cells	2 Years



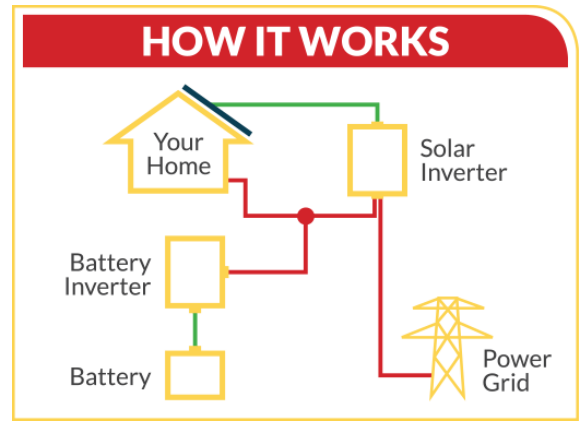
**K29.43.30**

§ 100% Discharge means using the whole battery capacity, 100% Depth of Discharge (DOD). † Using a K29.43.30 combined with a 3VA Victron battery inverter.

\* Available for qualifying installations. \*Approved applicants only, the minimum amount repayable includes the \$1.00 Weekly Account Keeping fee (which is calculated daily and is included in the quoted repayment amount). Minimum finance amount \$1000. Late payment fee of \$4.99 may be charged by Brighte if you miss a repayment. Credit provided by Brighte Capital Pty Limited ABN 74 609 165 906 See website for details: [www.ecocool.com.au](http://www.ecocool.com.au)

## High quality, Low “Payback Period”

- ecoCool’s K29 batteries use Victron Supercycle AGM battery units. They are high technology AGM batteries: safe, compact and capable of 100% discharge<sup>§</sup>
- AGM batteries are well established for use in on and off grid solar homes.
- Victron Energy design their AGM supercycle batteries for a 7 -10 year life.
- The *Paragon*<sup>TM</sup> has an installed cost compared to Lithium batteries of about 2/3, which means reduced payback period.

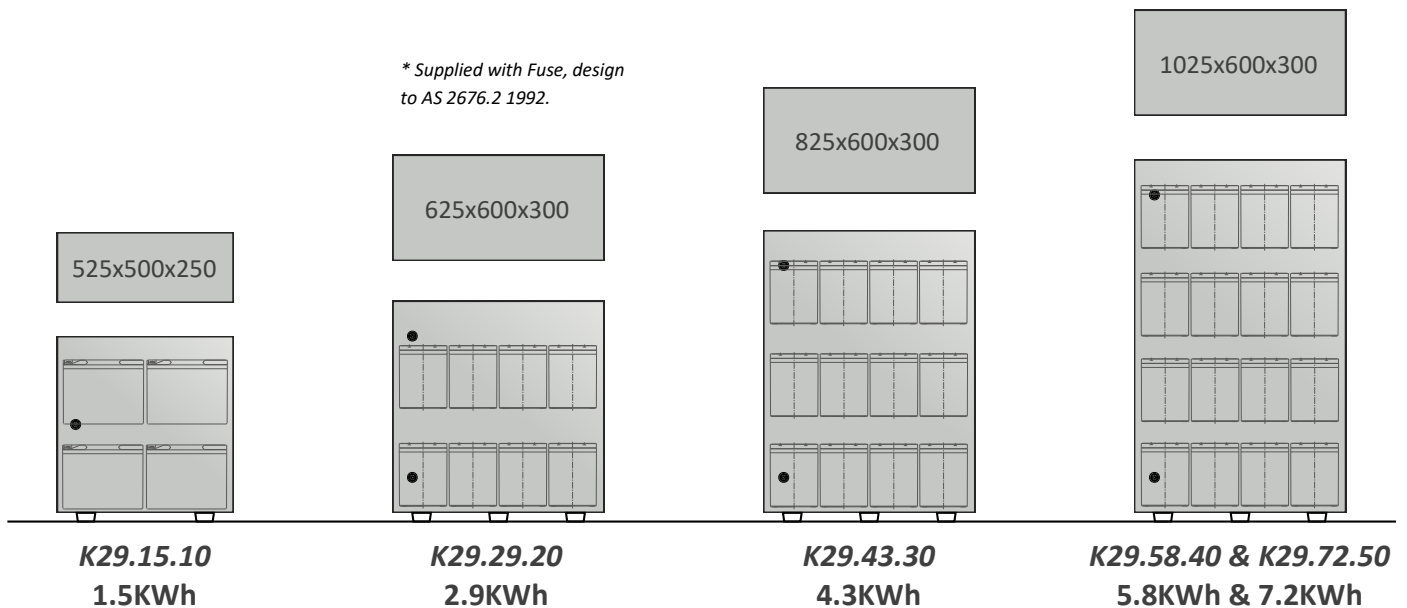


- That means a high quality battery, with a low cost to install, with outstanding value for money.

## Best “value for money” home battery, European battery technology

- At around \$690 per KWh, ecoCool’s *Paragon* battery is one of the best value for money batteries on the market.
- With Victron battery cells inside, you get peace of mind that Victron means high quality, from an established European manufacturer.
- Victron’s Supercycle AGMs give the *Paragon* a daily charge and discharge cycle of at least 1000 cycles @40% DOD, and with a design life of 7-10 years.
- Supercycle AGM batteries are durable, so for users who may discharge the battery less frequently, or to a lower Depth of Discharge, battery life will extend further.

**Compatible Grid Inverter Brands:** Victron, SMA, SolaX, Selectronic, Goodwe, Redback, Latronics, & others.



Part #	KWh*	KWh Max	Nom. Power §	Cycles	Depth D/charg	AmpHr	Nom. Voltage	Dimensions (mm)	Weight
<b>K29.15.10</b>	1.5	2.9	1000W	1250	100%	60	48V dc	525x500x250	77kg
<b>K29.29.20</b>	2.9	5.8	2000W	1250	100%	120	48V dc	625x600x300	143kg
<b>K29.43.30</b>	4.3	8.6	3000W	1250	100%	180	48V dc	825x600x300	211kg
<b>K29.58.40</b>	5.8	11.5	4000W	1250	100%	240	48V dc	1025x600x300	275kg
<b>K29.72.50</b>	7.2	14.4	5000W	2000	100%	300	48V dc	1025x600x300	325kg

\* @50% Depth of Discharge § Recommended battery inverter nominal capacity.

### Options Available:

- Stainless Steel enclosure and hardware, for sea-side or marine environments.
- Keyed/Locking enclosure door, for security.
- Alternative colours available to order.



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\*Information accurate at time of publication, subject to change.