



# The Cassowary

Product Brochure

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# ASK - Aus Solar Kits

Firstly, thank you for your interest in Aus Solar Kits.

Your go to team for high-quality solar and battery solutions.

We're here to make your off-grid solar and battery journey simple, reliable, and fully supported, with expert advice and friendly service every step of the way.

We do things a little different to other solar and battery companies and have recognised a lot things customers do and don't want.

- No up selling or pushy sales reps
- No annoying cold calls
- No annoying email lists
- No in house consultations
- No hidden fees or charges
- Upfront pricing on all products
- Expert advise from in-house electrical team
- Confused? We do free solar and battery designs for customers

Why choose ASK for off-grid solar and batteries?

For rural properties, remote communities, and independent businesses, Off-Grid Solar Systems offer a smart, long-term solution to rising energy costs and power reliability. With modern solar and battery technology, individuals, businesses, and governments can harness the sun's energy during the day to power their operations 24/7. Off-Grid Solar provides the stability and energy independence needed to take control of your power supply.



	ASK Yourself	These Questions	Results
1	What is your total electrical consumption ?	<ul style="list-style-type: none"> <li>How much electricity do you typically consume in a 24-hour period?</li> <li>Do you use more electricity during the day or at night?</li> <li>Examples: aircon, heating, lighting, water systems and any other appliances.</li> </ul>	Inverter (kW) required
2	What is your maximum electrical load ?	<ul style="list-style-type: none"> <li>How much electricity do you typically consume in a 24-hour period?</li> <li>Do you use more electricity during the day or at night?</li> <li>Examples: aircon, heating, lighting, water systems and any other appliances.</li> </ul>	Battery storage (kWh) required Solar Panels required
3	Will your power requirements increase over time ?	<ul style="list-style-type: none"> <li>Do you anticipate your electricity needs increasing in the future?</li> <li>Examples: Electric vehicle, New pool, more appliances or home extensions.</li> </ul>	System Flexibility Room for future growth
4	Where is your new system, where will it be located ?	<ul style="list-style-type: none"> <li>Is there a spot close to the main switchboard to keep installation simple?</li> <li>Will the system be easily accessible for future maintenance?</li> <li>Can I keep the cable runs short to help reduce costs?</li> <li>Am I planning to add anything later (like an EV charger) that might affect the best location?</li> <li>Is the area protected or will it be fully exposed to the weather? (Good news - All Aus Solar Kits are weatherproof and built for the outdoors)</li> </ul>	System Flexibility Room for future growth
5	Who will be installing your system ?	<ul style="list-style-type: none"> <li>Is your installer SSA accredited? (If not you wont be able to claim the STC rebate)</li> <li>How long have they been in the industry</li> <li>I'm still unsure about who would be best to install my new <b>ASK</b> solar and battery system! (No worries, feel free to contact us and ASK us anything, we have been in the industry for a long time and know what to look for when it comes to installation and pricing)</li> </ul>	Finding a reliable and accredited installation company. No ongoing issues with installation.
6	Do i still have questions or concerns ?	<ul style="list-style-type: none"> <li>Just <b>ASK</b> us, we will help guide you through this solar and battery journey .</li> <li>Give us a call, email or find us on social media</li> <li>All our product specifications, warranties, data sheets and any other information can be found at our website <a href="http://www.aussolarkits.com.au">www.aussolarkits.com.au</a></li> </ul>	<b><u>SHOP NOW</u></b>



# ASK - The Cassowary



## Suitable for:

Large industrial sheds, farming operations and large sized homes



## Inverter size:

29.9kW Three Phase



## Battery storage:

61kWh Battery Storage - Deye Battery



## Load capacity:

On average this system generates 138kWh a day



## Price:

From \$62518 + Freight



## Powers:

Lights, power, appliances, hot water systems, water pumps, motors, welders and power tools



## Freight options:

Pick up from ASK warehouse

Shipped anywhere in Australia to closest Depot

Pick up from closet Depot (Solar Installer)



## Specifications:

[Data Sheets](#), [Warranties](#)



## Important:

Please note this price doesn't include your STC rebate! Remember to [ASK](#) your [SAA Certified](#) installer about your STC Rebate and maximise your savings!

## The Cassowary - Solar & Battery Kit

Is perfect for powering a large industrial sheds, farming operations and large sized homes. This off-grid system is suitable for Lights, power, appliances, hot water systems, water pumps, motors, welders and power tools. Feel safe knowing we use high quality equipment that's easy to install.

## What's included:

### Clenergy mounting system:

60 x lengths of 4.4m rail

240 x Tin / Tile feet

240 x Universal panel clamps

60 x Splice plates

30 x Earth clamps

240 x Cable panel clips

### Deye:

01 x 29.9kW Three Phase Inverter

01 x 61kWh Battery

### Solar Flex:

90m x 4 Core + Earth UV stabilised 25mm heavy duty solar corrugated conduit

### Seraphim:

90 x 440w Solar Panels



Also included all Specifications / data sheets / install manuals and warranties.

Seraphim 440w Panels	No. of Batteries (kwh)	Price*	SHIPPING EXCLUDED
No panels	1 Battery - 61kWh	\$ 62518	
90 Panels	1 Battery - 61kWh	\$ 80160	
90 Panels	2 Batteries - 122kWh	\$ 133620	

Please note if you do not want panels you wont be able to claim the STC Rebate.

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## INVERTERS & REGULATORS

- Innovative technology backed by strong R&D
- High efficiency & reliable performance
- Hybrid and grid-tied compatibility
- Advanced smart monitoring & app control
- Multiple MPPTs for optimal solar input
- Wide battery compatibility (lithium & lead-acid)
- Scalable for residential & commercial use

## BATTERIES

- High voltage & robust capacity options
- Parallel connection for scalable storage
- Programmable charge/discharge time settings
- Seamless integration with Deye inverters
- Long cycle life with advanced battery management
- Suited for off-grid, hybrid & backup systems
- Efficient, flexible energy storage for all needs



## INVERTERS, REGULATORS & BATTERY SYSTEMS

- Australian-owned and manufactured solutions
- On-grid, off-grid, and hybrid battery systems
- Pre-wired, plug-and-play designs for easy install
- Seamless integration with solar and backup generators
- Remote monitoring and system control via app
- Scalable storage for homes, farms & businesses
- Backed by industry-leading warranties and support





## SERAPHIM 440W SOLAR PANELS

- High conversion efficiency up to 22.53%
- N-TOPCon and half-cell technology for more power
- Bifacial design captures front and rear sunlight
- Low degradation for long-term performance
- Withstands heavy wind and snow loads
- 30-year performance warranty for peace of mind
- Perfect for residential, commercial & utility scale



## SOLARFLEX CABLE

- Durable, flexible solar PV cable
- UV, heat, and weather-resistant construction
- Designed for harsh Australian conditions
- High conductivity for minimal power loss
- Double insulation for added safety
- Easy to install with excellent bend radius
- Suitable for residential, commercial & off-grid systems



## CLEENERGY RACKING SYSTEMS

- Engineered for strength and durability
- Suitable for tile, tin, flat roof & ground mounts
- High-grade aluminum & stainless steel materials
- Pre-assembled parts for fast installation
- Certified to meet Australian standards
- Built to withstand extreme weather conditions
- Sleek design for clean, professional finish

## TRIED AND TESTED

At **ASK**, we only supply the highest quality gear, because we know that when it comes to solar, reliability matters. We partner with trusted brands like Deye, RedEarth, Seraphim, Clenergy, and PV Connections. Each selected for their proven performance, durability, and ease of installation. These are products we trust and would use in our own homes. Backed by strong warranties you can be confident your system will go the distance.

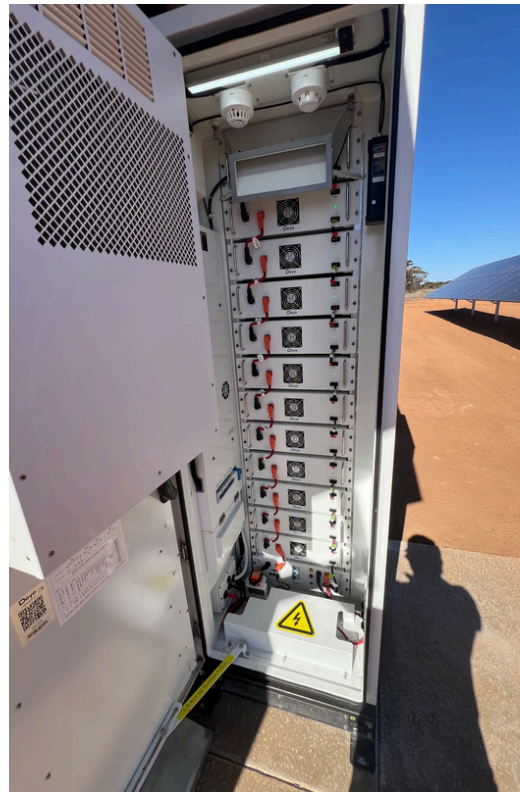




# ASK - Pre wired systems

At Aus Solar Kits, all of our Off-Grid Systems are pre-wired and fully configured by our manufacturing team before leaving the warehouse. This makes installation fast and straightforward for any SAA Accredited installer, with no complex wiring required on site. The entire system is built to Australian standards and can be shipped anywhere in the country.

- Solar Panels – High-efficiency panels designed to capture maximum solar energy (Roof mounted only)
- Custom Solar Array Framing Kit – Designed to suit your specific roof type for secure panel mounting (Tin / Tile)
- Solar Cabling and Accessories – All necessary wiring and connectors to link the panels to the inverter.
- Pre-Wired Distribution Board – Includes AC circuit breakers and bus bars for 240V connections to inverters, generators, and site loads. Built to comply with all Australian standards.
- Batteries and Weatherproof Battery Box – Durable batteries in a protective, weather-resistant enclosure
- If you are looking to do anything different from the above give us a call and **ASK** how we can help you with a Ground Mount System



At Aus Solar Kits, we ensure all systems are securely packaged and dispatched efficiently across Australia. Most systems are shipped on one to two pallets, with the solar mounting rails packed separately. Our packaging is specifically designed to protect your equipment during transport while making delivery and collection simple and straightforward.

Below is an example of a typical freight breakdown for a system that includes 15 solar panels, battery base, 2 battery modules, solarflex and mounting gear:

- Pallet 1: 15 Panels - 1750L x 1150W x 1500H - (315kg)
- Pallet 2: Inverter, Battery base, 2 Batteries, Solarflex and Clenergy Mounting System (Tin/Tile feet, Universal panel Clamps, Splice plates, Earth clamps & Cable clips) - 1200L x 1200W x 1500H (245kg)
- 10 Lengths of 4.4m Rail (35kg)

Freight costs will vary depending on your location, and we'll provide an accurate freight **price** once your system design is finalised at checkout . Our dispatch team will confirm final delivery dimensions and weights once packing is complete. Please keep these dimensions in mind when organising collection from our workshop or delivery depots

## Delivery and Collection Options

We offer three simple options for receiving your Aus Solar Kits system.

### 1. Pick Up from Our Warehouse (Free):

You are welcome to collect your system directly from our warehouse at no charge. This option is ideal for customers who have their own transport or are local to our facility.

### 2. Pick Up from the Closest Depot to Your Location (Freight Cost Applies):

We can arrange for your system to be delivered to the nearest freight depot to your address. You will be responsible for collecting the system from the depot and covering the associated freight cost. This is a convenient option for customers who are located further away and prefer not to travel directly to our warehouse.

### 3. Pick Up by Your Chosen Solar Installer (Free):

If you are working with a solar installer, we can deliver the system to the freight depot closest to them at no cost to you. Your installer will then collect the system on your behalf and bring it to your installation site. This is often the simplest and most efficient option for customers using a preferred installer.

If you have any questions about these delivery methods or need help arranging freight, just ASK, our team is here to assist. We'll make sure you understand your options and have the information you need to get your system safely and smoothly to site.





If you're interested in the **Ground Mount Option** for this kit, please don't hesitate to give us a call or send us an email. We'd love to help you determine the ideal location and layout for your panels, maximising both performance and value.

# Give us a call and get in touch

## Got a question - Just **ASK**

Email - [admin@aussolarkits.com.au](mailto:admin@aussolarkits.com.au)

Phone - 0437937713

Website - [www.aussolarkits.com.au](http://www.aussolarkits.com.au)

Web Shop - [www.aussolarkits.com.au/shop](http://www.aussolarkits.com.au/shop)

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