




SkyBox

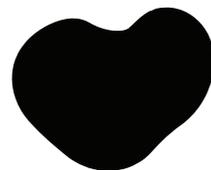
**Create your
own power grid**



**Made in
Victoria**

 **SkyBox**

Simple off grid solutions.





Built Aussie tough

The SkyBox is designed for both indoor and outdoor use and provides huge battery capacity in one cabinet. This means you can enjoy all the luxury of being on the grid, while being off the grid! When you want to expand, simply add more batteries to suit your storage requirements. SkyBox protects your home with Full Off Grid power!

SkyBox Features

Solar Compatible

The SkyBox can be used in off grid as well as grid connected PV and other alternative energy systems. It is compatible with both solar charger controllers and new or existing grid-tie inverters.

No Break Supply

The SkyBox takes over the supply to the connected loads in the event of a grid failure or when generator power is disconnected. This happens so fast (less than 20 milliseconds) that computers and other electronic equipment will continue to operate without disruption.

Off Site Monitoring

When connected to the internet, SkyBox can be accessed remotely, and settings can be changed.



Easy connection



Grid in



Power out

Maximum Power

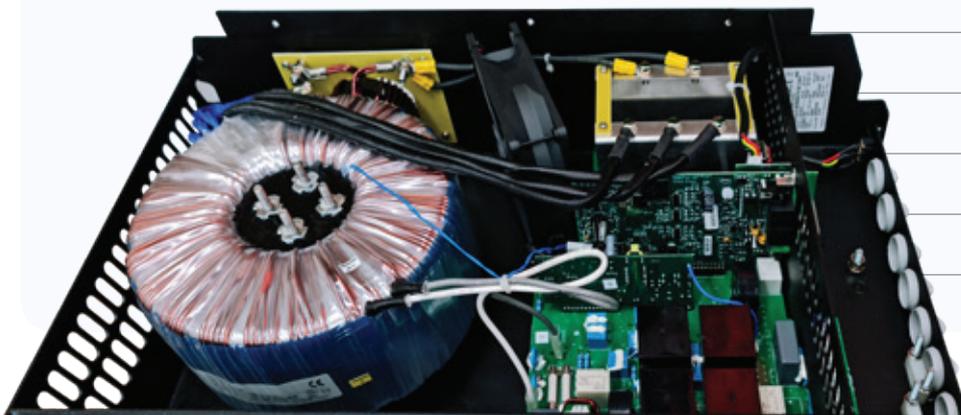
Up to 6 SkyBoxes can operate in parallel to achieve higher power output. Six units, for example, will provide 25 kW / 30 kVA output power with 420 Amps charging capacity. In addition to parallel connection, three units of the same model can be configured for three phase output. But that's not all: up to 6 sets of three units can be parallel connected for a 75 kW / 90 kVA inverter and more than 1200 Amps charging capacity!

SkyCare Monitoring

Our free remote monitoring app) will display all your system data in a comprehensive graphical format. System settings can be changed remotely via the portal. Alarms can be received by e-mail.



The Powerful Core of the system



- Lithium Model
- Up to 23Kwh per SkyBox
- Up to 9000W Peak Output
- 10° to 50° Operating Temperature
- 10 Year Warranty



The ultimate flexibility for off grid power solutions and backup.

Choose your power sources and SkyBox will create a virtual power-grid for your home during black-outs and in off grid applications. You can expand your SkyBox as your needs change and grow, delivering you outstanding flexibility and peace of mind.

⊕ Expandable

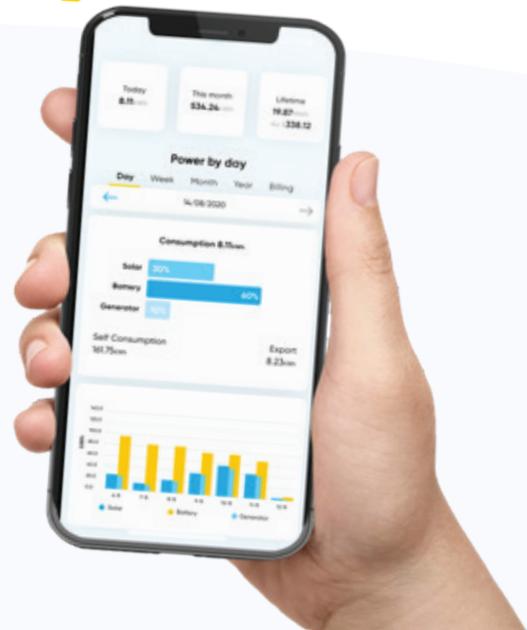
⊕ Plug and Play

⊕ Local support with



Monitoring

It's nice when things just work. With our specifically designed monitoring app you have the power to see what's going on anytime, anywhere, as long as you have 4G connection.

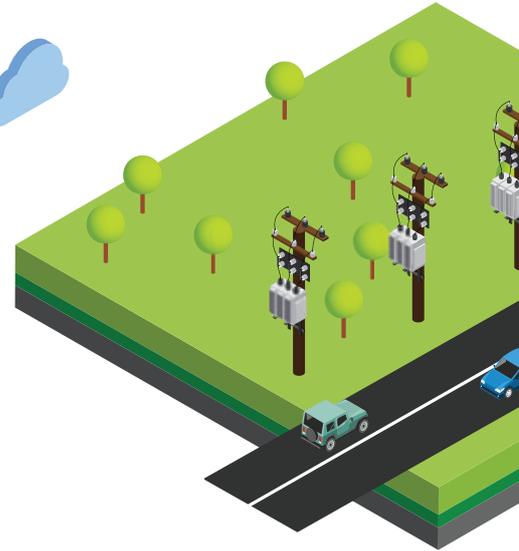


Case study

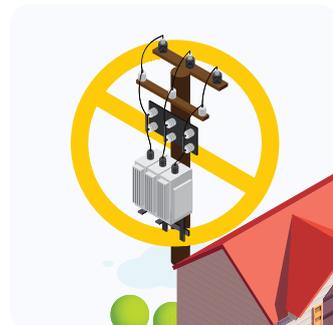
Tom and Martha live in beautiful rural Victoria with their two dogs Ben and Jerry. Surrounded by stunning views, their newly built dream home contains a couple of big water tanks and a whopping sized shed that Tom could use as a workspace. All that was missing was a reliable power source.



Their nearest power line is a fair way down the road and connecting their house would cost a small fortune, not to mention paying the ever increasing electricity bills on top of that year after year. Their other choice was to go fully off-grid with solar.



That's when they discovered SkyBox, the powerful plug and play off grid battery system that connects to any solar system or a generator, to give full seamless off grid power. With the high power SkyBox gives Tom and Martha, it feels just like living on the grid!



Tom and Martha had the SkyBox delivered to their property and simply asked their local sparky to come and install it. Within a few weeks from the initial call to SkyEnergy, they now have unlimited power.

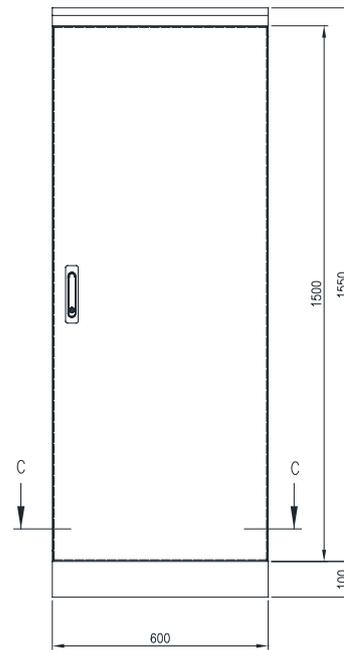
The shed is connected and enables Tom to work late into the night until Martha drags him inside. They're producing enough power to send back to their home and run the whole property off grid!



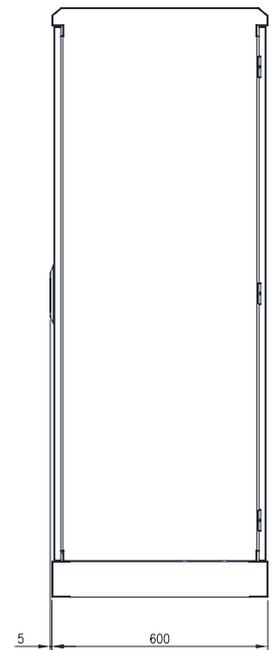


Features and Specifications

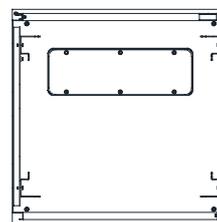
Protection	Complies with IP66 IK10, NEMA 4
Standard	AS60529
Material	<ul style="list-style-type: none"> · Enclosure Body: 1.5mm galvanised steel sheet · Enclosure Door: 1.5mm galvanised steel sheet · 19" Data Rack Rails: 1.5mm galvanised steel sheet · Enclosure Seal: Polyurethane
Body	The robust monoblock body is 1.5mm galvanised steel sheet. Precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces increase seal life. A galvanised steel gland plate is also incorporated into the bottom face.
Door	The surface mounted door is 1.5mm galvanised steel sheet. It incorporates concealed removable hinges with captive pins. Doors are also designed for a 110° opening.
Seal	A high quality full perimeter seal provides excellent sealing over a long life. It is machine applied Polyurethane foamed in place (FIP).
Lock	3 point locking system with key-lock swing handle. A full range of locking solutions are available upon request.



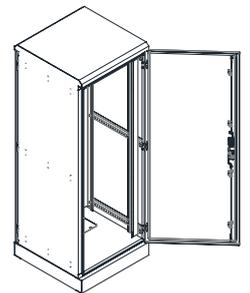
FRONT VIEW



SIDE VIEW



SECTION CC



FAQs

What is a SkyBox?

SkyBox is a solution to make getting electrical power 'off-grid' easy. In the past you'd have to pay up to tens of thousands to run cables to your home or property, SkyBox solves that and doesn't require an off-grid qualified electrician to install. Since any electrician can install it, you can save thousands compared to installing an off grid solar system, through an off grid installer or provider.

Who can install the SkyBox for me?

Any licensed electrician can install the SkyBox.

What power inputs will the SkyBox recognise?

The SkyBox can draw power from any wind turbine, water generator, solar or other power source, as long as that power source is installed via an AC Couple to the home, SkyBox will automatically detect the excess power and charge the batteries.

What is SkyCare?

SkyCare is a support team based in Victoria that you and your electrician can call with any technical questions about the SkyBox, this ensures you have an award winning team behind your off grid installation to ensure you have peace of mind with your off grid power setup!

I have a generator in the shed, can I hook it up to the SkyBox?

Yes, though the SkyBox has specific requirements around voltage and receiving 'clean' power from a generator, as long as your generator puts out 50Hz and close to 240V, then it can easily be plugged into the SkyBox. SkyBox is pre-programmed for this feature, to make it easy.

Can it charge my electric car/tractor?

Yes, the batteries can be connected to a charges to charge vehicles and appliances

If I want to move my shed in 12 months is it easy to shift the SkyBox?

The SkyBox is easy to install and easy to uninstall by a licensed electrician, this means you can shift the SkyBox as you require.

Do any rebates apply to the SkyBox?

Depending on the region and state your SkyBox may be eligible for government subsidy.

Can I install the SkyBox outside?

Yes, when the door is closed and the cables are installed according to the instructions, the SkyBox carries an IP55 Rating, meaning it is weather resistant.

Can SkyBox deliver 3 Phase power?

SkyBox can give your home three phase capabilities, for those who need some extra juice, this is entirely possible and easy to do. We program everything for you before it leaves our warehouse, giving you easily installed, three phase off grid or backup power.

What's the depth of discharge of the batteries?

The Lithium batteries in the SkyBox have a 95% depth of discharge. This means you can use 95% of the stored power within the batteries. This is compared to the 60% usable capacity you usually get when using products like lead acid batteries off the grid. This gives you a lot more endurance and power capacity.

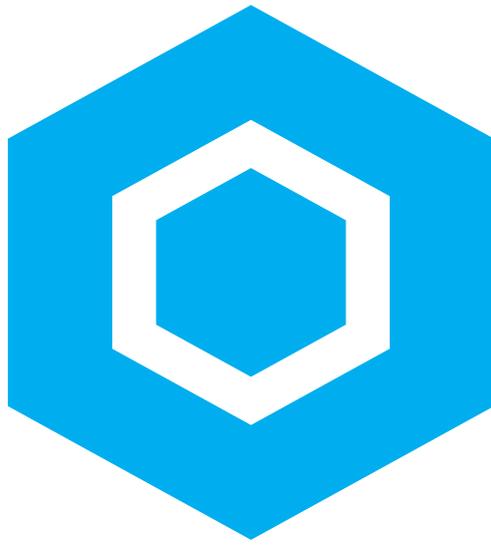
Can I expand the SkyBox down the track?

Yes, you can expand the Sky Box's capabilities almost to infinity and beyond.

Can SkyBox be installed on the grid?

Yes, SkyBox can be installed on the grid as a battery power and to guard your home against blackouts. It will help make a home independent from the grid (even if the property is connected to the grid), using the grid.





skyenergysystems.com.au