

Create your own power grid.



Simple off grid solutions.

Experience true freedom.





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.



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.



OFF GRID
Certified



Power your home.
Your shed.
Or both.



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 SkyCare™**

More about SkyCare™ in the FAQ's section.



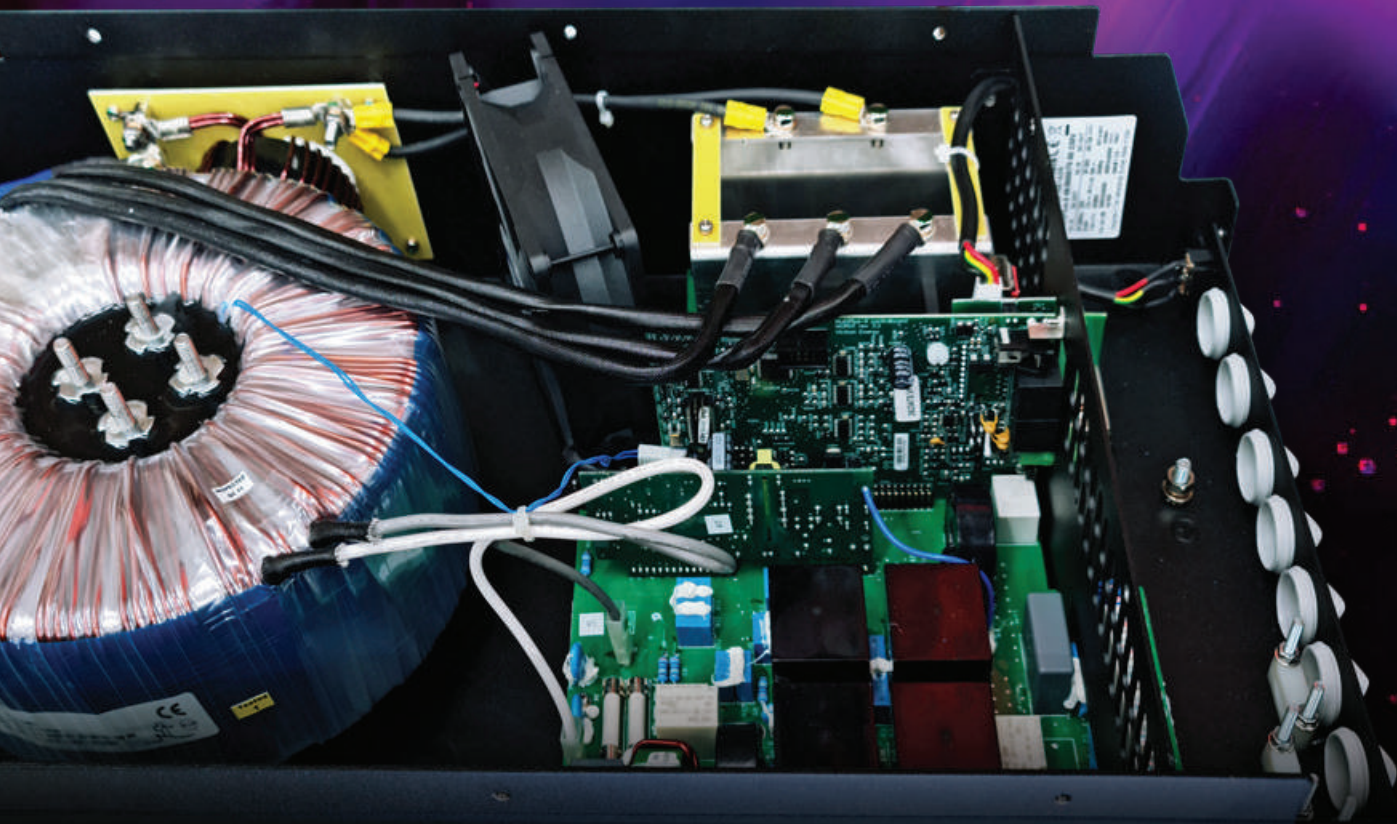
Monitoring

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.



The powerful core of your SkyBox.

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





Plug and Play.



01. Customize

Get the maximum potential out of your SkyBox when we customize it for your lifestyle and usage.



02. Build

Our team of electricians and engineers carefully build a SkyBox to your specifications and test thoroughly.

Then it's a teary goodbye as the SkyBox leaves our Victorian headquarters as it begins its adventure to its new home.



03. Install

Your SkyBox arrives safely to your property, then simply ask your local sparky to come and plug it in. Start powering your life!

Easy connection



Grid in



Power out



Meet the SkyBox Mini. It's small but packs a punch!

Physical Specs

IP55 weather resistant

Lockable Cabinet

Floor or Wall Mounted

Custom Designed Cooling Solution

600w X 600h X 400d

White or Black Colours

Generator Input on outside

15A Plug on outside for easy use

Solar PV Cables plug and play from outside unit

Electrical Specs

Input voltage range 38 – 66 V

Output Output voltage: 230 VAC \pm 2 %

Frequency: 50 Hz \pm 0,1 % (1)

Cont. output power at 25 °C (3) 3000 VA / 2400 W

Cont. output power at 40 °C / 65 °C 2200 W / 1700 W

Maximum apparent feed-in power 3000 VA

Peak power 5500 W

Maximum efficiency 95 %

Solar Specs

Maximum output current 70 A

Maximum PV power 4000 W

Maximum PV open circuit voltage 250 V

Maximum efficiency 98 %

Battery Specs

2.4 / 4.8 / 7.2kWh Sizes

Lithium Ion Battery

2.4kWh per module

2.2kWh Usable Capacity

10 Year Warranty to 60%

48VDC Battery Voltage

Unlimited battery expandability with extra SkyBox cabinets

Monitoring

4G monitoring on app (12 months data supplied)

Off-site monitoring

Remote upgrades

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!

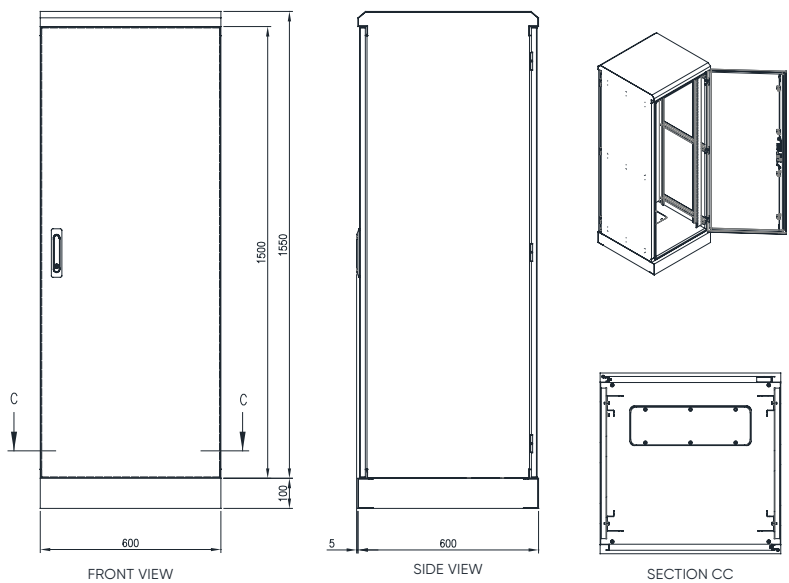
SkyBox



Features

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.

Dimensions



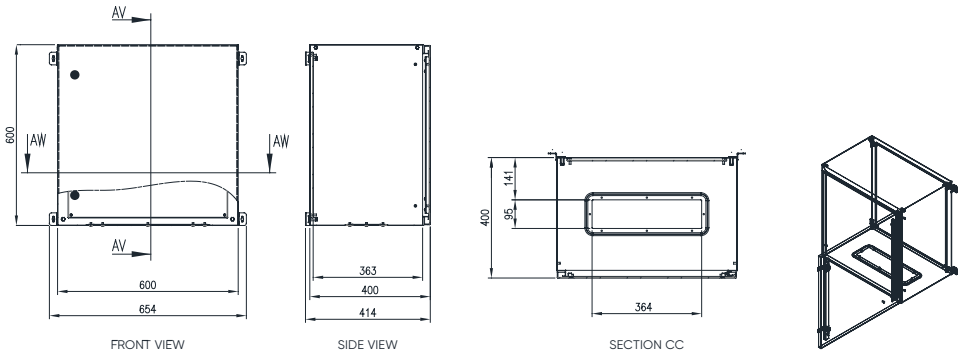
SkyBox Mini



Features

Protection	Complies with IP66 IK10, NEMA 4 (Independent accredited test laboratory)
Standard	IEC62208, IEC/EN/AS60529
Material	<ul style="list-style-type: none">· Body: 1.2mm galvanised steel sheet· Gland Plate: 1.5mm galvanised steel sheet· Door: 1.5mm galvanised steel sheet· Device Mounting Plate: 1.5mm galvanised steel sheet· Seal: Polyurethane
Body	The robust monoblock body is fabricated using 1.2mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nuts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth stud is provided.
Door	The robust surface mounted door is fabricated using 1.5mm galvanised steel sheet and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains integral cable management rail studs, M6 earth stud.
Seal	A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).
Lock	Chrome 5mm double bit insert quarter turn lock and key.

Dimensions



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.





skyenergy.com.au/skybox