



SkyBox gives everyone freedom and independence from the power grid.

Acting as a central 'brain,' the SkyBox manages incoming power from your solar, wind, or hydro generators.

Balancing these power sources and storing excess energy in the internal batteries, SkyBox creates a reliable off-grid electricity supply.

**10
YEAR**



**+++
EXPANDABLE**



3kVA 5kVA 8kVA 10kVA

Transfer Switch	32A	50A	100A	100A
Max AC Input (A)	32A	50A	100A	100A

INVERTER

Output (V)	Output Voltage: 230VAC. Frequency 50Hz			
Cont Output at 25°C (VA)	3000VA	5000VA	8000VA	10000VA
Cont Output at 25°C (W)	2400W	4000W	6400W	8000W
Cont Output at 40°C (W)	2200W	3700W	5500W	7000W
Cont Output at 65°C (W)	1700W	3000W	4000W	6000W
Max Apparent feed-in power	3000VA	5000VA	8000VA	10000VA
Peak Power (W)	5500W	9000W	15000W	18000W
Maximum efficiency	94%	96%	95%	96%

SOLAR

Max Output Current	70A	100A	100A	100A
Max PV Power*	4000W	5800W	5800W	5800W
Max Open Circuit Voltage	250V			
Max PV Short Circuit Current	35A	70A	70A	70A
Efficiency	99%			
MPPTs	1			

BATTERIES

Nominal Voltage	48V			
Nominal Capacity (Wh)	3552 (Wh) multiplied by number of modules			
Usable Capacity (Wh)	3200 (Wh) multiplied by number of modules			
Max No. Modules (Single Unit)**	4	4	8	8
Max Capacity (Single Unit)	14.2kWh	14.2kWh	28.4kWh	28.4kWh
Capacity Per Extra Battery Stack	28.4kWh			
Working Temperature	0°C-50°C			
Design Life	15+ Years			
Cycle Life	>6000 Cycles			
Authentication Level	IEC62619/CE/UN38.3			
Warranty	10 Years to 60% retention			

MONITORING

WiFi	Yes			
Ethernet	Yes			
4G LTE	Optional	Optional	Included ¹	Included ¹

ENCLOSURE

Colour	White			
Protection Category	IP54			
Dimensions (h x w x d)	1000 x 1000 x 400	1000 x 1000 x 400	2000 x 1000 x 400	2000 x 1000 x 400

* Additional Solar power can be connected, the SkyBox will only utilise the specified amount

** Single Unit refers to one SkyBox, up to 12 additional battery stacks can be added to a SkyBox to increase battery capacity up to over 300kWh

¹ Data plan not included

Off-Grid Certified meaning the SkyBox has capabilities for renewable energy and generator inputs. SkyBox creates a power supply where no grid input or referencing is required.