



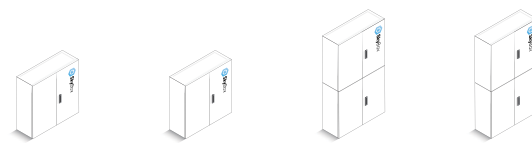
SkyBox gives everyone freedom and independence from the power grid.

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
★ ★ ★ ★ ★
WARRANTY

+++
EXPANDABLE



3kVA **5kVA** **8kVA** **10kVA**

Transfer Switch	32A	50A	100A	100A
Max AC Input (A)	32A	40A	63A	63A

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	6000W	12000W	12000W
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	250V	450V	450V
Max PV Short Circuit Current	35A	70A	20A	20A
Efficiency	99%	99%	96%	96%
MPPTs	1	1	2	2

BATTERIES

BATTERIES	PYLONTECH		BSLBATT	
Nominal Voltage	48V			
Nominal Capacity (Wh)	4800 (Wh) multiplied by number of modules		5120 (Wh) multiplied by number of modules	
Usable Capacity (Wh)	4560 (Wh) multiplied by number of modules		4966 (Wh) multiplied by number of modules	
Max No. Modules (Single Unit)**	4	4	8	8
Max Capacity (Single Unit)	PYLONTECH	PYLONTECH	PYLONTECH	PYLONTECH
	19.2kWh	19.2kWh	38.4kWh	38.4kWh
	BSLBATT	BSLBATT	BSLBATT	BSLBATT
	20.48kWh	20.48kWh	40.96kWh	40.96kWh
Capacity Per Extra Battery Stack	38.4kWh		40.96kWh	
Working Tempreature	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 1270 x 432	1000 x 1270 x 432	PYLONTECH 2400 x 1270 x 432	PYLONTECH 2400 x 1270 x 432
			BSLBATT ⁴ 2400 x 1270 x 432	BSLBATT ⁴ 2400 x 1270 x 432

* 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

² Size is an approximation only and may vary depending on parts available

³ Size of cabinets is an approximation only and may vary depending on stock available and size of system 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.

⁴ Subject to change.



FEATURES

Protection Complies with IP54, IP55 IK10, NEMA 4
(Independent accredited test laboratory)

Standard IEC62208, IEC/EN/AS60529

Material Body: 1.5mm 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.

Double Doors 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 3 point locking system with key-lock swing handle.

DIMENSIONS

