

Anker SOLIX X1 | AC Coupled Storage System



Model	X1-P6K-B05-S	X1-P6K-B10-S	X1-P6K-B15-S	X1-P6K-B20-S	X1-P6K-B25-S	X1-P6K-B30-S
	Battery					
Battery Type	Li-ion (LFP)					
Battery Energy Capacity	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Depth of Discharge	100%					
	AC Output (On-Grid)					
Rated Output Active Power	3 kW	6 kW	6.6 kW			
Max. Output Apparent Power	3 kVA	6 kVA	6.6 kVA			
Rated Output Voltage	220/230/240 VAC					
Rated Output Frequency	50/60 Hz					
Power Factor	~1 (+/-0.8)					
THDI @ Rated Power	Under 3%					
	AC Output (Off-Grid)					
Rated Output Power	3 kW	6 kW	6.6 kW*			
Max. Output Power	3 kW	6 kW	6.6 kW			
Peak Output Apparent Power (Duration)**	4.5 kVA (10s)	9 kVA (10s)	12 kVA (10s)			
Rated Output Voltage	220/230/240 VAC					
Frequency Range	50/60 Hz					
THDU @ Linear Load	Under 3%					
Switch Time	Under 10 ms					
	Efficiency					
Round Trip Efficiency	Up to 90.2%***					
	Connectivity					
Internet Connectivity	WLAN, Bluetooth, Ethernet, 4G (Optional)					
	Others					
Weight	75 kg	126 kg	177 kg	233 kg	284 kg	335 kg
Dimensions (W × H × D in mm)	670 × 765 × 150	670 × 1,125 × 150	670 × 1,485 × 150	One Column: 670 × 1,125 × 150	One Column: 670 × 1,485 × 150	One Column: 670 × 1,485 × 150
				Two Columns: 670 × 841.5 × 150	Two Columns: 670 × 841.5 × 150	Two Columns: 670 × 1,201.5 × 150
Noise	Under 35 dB (Ambient Temperature < 40 °Q Under 40 dB (Ambient Temperature > 40 °Q					
Installation Options	Ground or Wall****					
Operating Temperature	-20 ° C to 55 ° C*****					
Relative Humidity	5% to 95%					
Operating Altitude	Up to 4000 m, Power Derates from 2000 m*****					
Enclosure Type	IP65					
Warranty	10 Years Limited*****					
Grid Connection Certifications	Australia: AS/NZS 4777.2;					
Safety	IEC 62477-1, IEC 62619, IEC 62040-1, VDE 2510-50					
Chemical	RoHS, REACH					
EMC	RF: EN 300 328, EN 301 489-1, EN 301 489-17 Health: EN 50665:2017, EN IEC 62311 EMC: EN IEC 61000-6-3, EN IEC 61000-6-1					
Pollution Degree	PD2 (internal), PD3 (external)					

*Power output will be derated to 6 kW once the ambient temperature exceeds 45 ° C.

**Ambient temperature of 10 ° C to 55 ° C with a State of Charge (SOC) greater than 35%.

***Referring to one battery pack designed for AC to battery to AC functionality with a 3 kW power rating in an ambient temperature of 25 ° C.

****Additional components are needed for wall installation.

*****Power derating follows a derating curve of a 5/10 kWh system between 45 ° C and 55 ° C.

*****2,000 m maximum for Australian models.

*****Refer to warranty terms for details.