

Anker SOLIX X1

AC-Coupled Energy Storage System

The Perfect Match For Your Solar



Futuristic Ultra-Thin Design



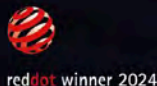
Built for Coastlines, Unwavering in Heat



Scalable Power Tailored for Your Needs



Built-In Backup to Power Up Your Essentials



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LinkedIn

Anker SOLIX X1 | AC-Coupled Energy Storage System



X1-P6K-B05-US X1-P6K-B10-US X1-P6K-B15-US X1-P6K-B20-US X1-P6K-B25-US X1-P6K-B30-US

Battery						
Battery Type	LFP					
Battery Capacity	5kWh	10kWh	15kWh	20kWh	25kWh	30kWh
Depth of Discharge	100%					
AC Output (On-Grid)						
Rated Output Power	3kW	6kW	6.6kW ¹			
Max Apparent Power Output	3kVA	6kVA	6.6kVA			
Rated Output Voltage	220/230/240VAC					
Rated Output Frequency	50/60Hz					
Power Factor	~1 (+/-0.8)					
THDI @ Rated Power	Under 3%					
AC Output (Off-Grid)						
Rated Output Power	3kW	6kW	6.6kW			
Max Output Power	3kW	6kW	6.6kW			
Peak Output Apparent Power (Duration) ²	4.5kW (10 s)	9kVA (10 s)	12kVA (10 s)			
Rated Output Voltage	220/230/240VAC					
Frequency Range	50/60Hz					
THDU @ Linear Load	Under 3%					
Switch Time	Under 10 ms					
Efficiency						
Round-Trip Efficiency	Up to 90.2% ³					
Connectivity						
Internet Connectivity	WLAN, Bluetooth, Ethernet, 4G (Optional)					
Other Specifications						
Weight	75 kg	126 kg	177 kg	233 kg	284 kg	335 kg
Dimensions (W×H×D)	670 × 765 × 150 mm	670 × 1,125 × 150 mm	670 × 1,480 × 1,550 mm	One Column: 670 × 1,125 × 150 mm Two Columns: 670 × 841.5 × 150 mm	One Column: 670 × 1,485 × 150 mm Two Columns: 670 × 841.5 × 150 mm	One Column: 670 × 1,485 × 150 mm Two Columns: 670 × 1,201.5 × 150 mm
Noise	Under 35dB (Ambient Temperature < 40°C) Under 40dB (Ambient Temperature > 40°C)					
Installation Options	Ground or Wall ⁴					
Operating Temperature	-20°C to 55°C ⁵					
Relative Humidity	5% to 95%					
Operating Altitude	Up to 4,000 m, Power Derates from 2,000 m ⁶					
Enclosure Type	IP65					
Warranty	10 Years Limited ⁷					
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)					

¹Power output will be derated to 6kW once the ambient temperature exceeds 45°C.

²Ambient temperature of 10°C to 55°C with a State of Charge (SOC) greater than 35%.

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

⁴Additional components are needed for wall installation.

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

⁶2,000 m maximum for Australian models.

⁷Refer to warranty terms for details.