

Anker SOLIX X1 | AC-Coupled Energy Storage System



Battery						
Battery Type	LFP					
Battery Capacity	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Aggregate Throughput	16.5 MWh	32.9 MWh	49.4 MWh	65.8 MWh	82.3 MWh	98.7 MWh
AC Output (On-Grid)						
Rated Output Power	3 kW	6 kW				
Max Apparent Power Output	3 kVA	6 kVA				
Rated Output Voltage	240 VAC					
Rated Frequency	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*			
Peak Output Power (Duration)**	4.5 kW (10s)	9 kW (10s)	12 kW (10s)			
Max Units In Parallel	6					
Rated Output Voltage	120/240 VAC (Split-phase)					
Rated Frequency	60 Hz					
THDU @ Linear Load	Under 3%					
Switch Time	Under 20 ms					
LRA	63.5 A/s					
AC Input						
Max Input Apparent Power	3 kVA	6 kVA				
Efficiency						
Round Trip Efficiency	Up to 90.2%***					
Connectivity						
Internet Connectivity (Via Backup Controller)	WLAN, Bluetooth, Ethernet, 4G (Optional)					
Others						
Weight	164 lbs	277 lbs	389 lbs	514 lbs	626 lbs	739 lbs
Dimensions (W×H×D)	26.4 × 29.4 × 5.9"	26.4 × 43.6 × 5.9"	26.4 × 57.7 × 5.9"	One Column: 26.4 × 43.6 × 5.9" Two Columns: 26.4 × 32.4 × 5.9"	One Column: 26.4 × 57.7 × 5.9" Two Columns: 26.4 × 32.4 × 5.9"	One Column: 26.4 × 57.8 × 5.9" Two Columns: 26.4 × 46.6 × 5.9"
Noise	Under 35 dB (Ambient Temperature < 104 °F) Under 40 dB (Ambient Temperature > 104 °F)					
Installation Options	Wall or Ground****					
Operating Temperature	-4 °F to 131 °F*****					
Relative Humidity	5% to 95%					
Operating Altitude	Up to 13,123 ft, Power Derates from 6,562 ft					
Enclosure Type	NEMA 4					
Warranty	10 Years Limited*****					
Grid Connection Certifications	IEEE1547, IEEE1547.1, IEEE2030.5, Rule 21, HECO					
Safety	UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3					
EMC	FCC Part 15B					

*Power output will be derated to 6 kW once the ambient temperature exceeds 113 °F.

**Ambient temperature 50 °F to 131 °F with a State of Charge (SOC) greater than 35%.

***AC to Battery to AC at an ambient temperature of 77 °F.

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

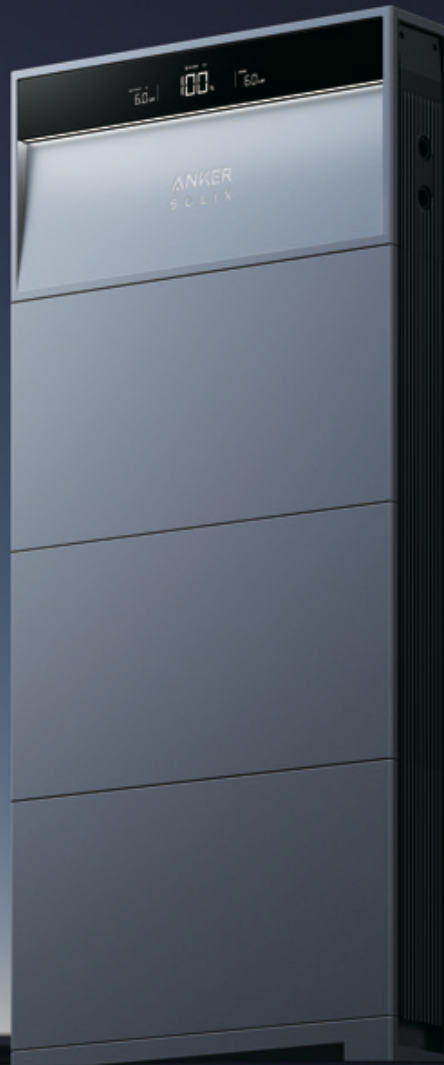
*****Power output of the 5/10 kWh system will be derated once the ambient temperature exceeds 113 °F.

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

Anker SOLIX X1

Energy Storage System

Power for the Extreme



Phone: (800) 988 5541
Email: support@anker.com

Note: All images and specifications in this document are subject to change. For final details, please check again after the product release.



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