

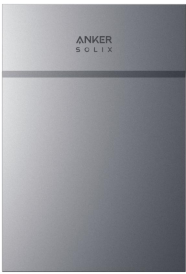
# Anker SOLIX X1 | AC-Coupled Energy Storage System



Model	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	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Aggragate 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 kW	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	70 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 × 57.8 × 5.9"	One Column: 26.4 × 43.6 × 5.9"	One Column: 26.4 × 57.8 × 5.9"	One Column: 26.4 × 57.8 × 5.9"
				Two Columns: 26.4 × 32.4 × 5.9"	Two Columns: 26.4 × 32.4 × 5.9"	Two Columns: 26.4 × 46.6 × 5.9"
Noise	Under 35 dB (Ambient Temperature < 40 ° C) Under 40 dB (Ambient Temperature > 40 ° C)					
Installation Options	Wall or Ground****					
Operating Temperature	-20 ° C to 55 ° C*****					
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	UL1741 SB, IEEE1547a, 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 -55 ° C.  
\*\*Ambient temperature 10 ° C to 55 ° C with a State of Charge (SOC) greater than 35%.  
\*\*\*AC to Battery to AC at an ambient temperature of 25 ° C.  
\*\*\*\*Additional components are needed for ground installation.  
\*\*\*\*\*Power output of the 5/10 kWh system will be derated once the ambient temperature exceeds 55 ° C.  
\*\*\*\*\*Refer to warranty terms for details.

# Backup Controller



Model	Backup Controller 200-H
AC Voltage (Nominal)	120/240 V
Feed-In Type	Split-phase
Grid Frequency	60 Hz
Input/Output Current Rating*	200 A Maximum, 160 A Continuous (EATON CSR2200N Breaker)
Storage Circuit Current Rating	2 × 100 A Maximum, 2 × 80 A Continuous**
PV Circuit Current Rating	100 A Maximum, 80 A Continuous**
Generator Circuit Current Rating	100 A Maximum, 80 A Continuous**
Connectivity	WLAN, Ethernet, Bluetooth, 4G (Optional)
Switch Time	Under 20 ms
	Mechanical Specifications
Dimensions (W × H × D)	21.7 x 31.5 x 5.8"
Weight	35 lbs
	Environmental Specifications
Installation	Wall
Operating Temperature	-20 ° C to 55 ° C
Enclosure Type	NEMA 3R
	Compliance & Certifications
Certifications	UL67, CP65+TSCA
Emissions	FCC Part 15B: 2020; ICES-003 Issue 7
Warranty	10 Years Limited***

\*The Backup Controller is rated at 22 kAIC.  
\*\*The type of breaker used in this circuit is an EATON BR Series Breaker.  
\*\*\*Refer to warranty terms for details.