











Model XI-P6K-BID-US XI-P								
Battery Type	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 Cepacity 5 kWh 10 kWh 15 kWh 20 kWh 25 kWh 30 kWh 29 grangate throughput 16,5 kWh 22,9 kWh 49,4 kWh 6,5 k Wkh 82,3 kWh 98,7 kWh 82,3 kWh 98,7 kWh 84,4 kWh 6,5 kWh 82,3 kWh 98,7 kWh 84,4 kWh 6,5 kWh 84,4 kWh 98,7 kWh 84,4 kWh 8		Battery						
Appropriet Throughout 16.5 MWh 32.9 MWh 49.4 MWh 6.5 8 MWh 82.3 MWh 98.7 MWh 98.7 MWh AC Output (Oncide)	Battery Type	LFP						
Risted Cutput Power 3 kW	Battery Capacity	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh	
Rated Output Prover	Aggragate Throughput	16.5 MWh	32.9 MWh	49.4 MWh	65.8 MWh	82.3 MWh	98.7 MWh	
Max Apparent Power Output SkW 6 kVA				AC Output	(On-Grid)			
Rated Output Voltage 260 VAC Rated Frequency 60 Hz -1 (+7-0.8) Temperature 1 (+7-0.8)	Rated Output Power	3 kW 6 kW						
Rated Procurency	Max Apparent Power Output	3 kW 6 kVA						
Power Factor	Rated Output Voltage	240 VAC						
THDI (@Rated Power)	Rated Frequency	60 Hz						
Rated Output Power (Durastion)** 3 kW 6 kW 6.6 kW 6.6 kW 12 kW (10s) 12	Power Factor	~1 (+/-0.8)						
Rated Output Power (Unration)** 4.5 kW (10s) 9 kW (10s) 12 kW (10s) 12 kW (10s)	THDI (@Rated Power)	Under 3%						
Peak Output Power (Duration)** Max Units In Parallel				AC Output	(Off-Grid)			
Max Units in Parallet 6 Rated Output Voltage 120/240 VAC (Split-phase) Rated Frequency 60 Hz THOU (@Linear Load) Under 3% Switch Time Under 20 ms LRA 70 A/s Max Input Apparent Power 3 kVA Efficiency Round Trip Efficiency Up to 90.2%*** Connectivity Internet Connectivity Weight 164 lbs 277 lbs 389 lbs 514 lbs 626 lbs 739 lbs 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* Two Columns: 26.4 × 30.4 × 5.9* 26.4 × 50.4 × 57.8 × 5.9* Two Columns: 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9* 26.4 × 30.4 × 5.9*	Rated Output Power	3 kW 6 kW 6.6 kW*						
Rated Prequency	Peak Output Power (Duration)**	4.5 kW (10s) 9 kW (10s) 12 kW (10s)						
Rated Frequency	Max Units In Parallel	6						
THDU (@Linear load)	Rated Output Voltage	120/240 VAC (Split-phase)						
Switch Time	Rated Frequency	60 Hz						
AC Input	THDU (@Linear load)	Under 3%						
Max Input Apparent Power 3 kVA	Switch Time	Under 20 ms						
Max Input Apparent Power 3 kVA Efficiency	LRA	70 A/s						
Round Trip Efficiency		AC Input						
Noise Sund Trip Efficiency Sund Trip Efficiency Sund Sund Sund Sund Sund Sund Sund Sund	Max Input Apparent Power	3 kVA			6 kVA			
Internet Connectivity (Via Backup Controller)				Effici	ency			
Internet Connectivity (Via Backup Controller)	Round Trip Efficiency	Up to 90.2%***						
Via Backup Controller		Connectivity						
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 × 33.4 × 5.9" 26.4 × 57.8 × 5.9" One Column: 26.4 × 33.4 × 5.9" 26.4 × 57.8 × 5.9" Two Columns: 26.4 × 32.4 × 5.9" 26.4 × 46.6 × 5.9" Noise Under 35 dB (Ambient Temperature < 40 ° C) VIIII Temperature < 40 ° C) Two Columns: 26.4 × 32.4 × 5.9" 26.4 × 46.6 × 5.9" Operating Temperature -20 ° C to 55 ° C***** VIIII Temperature < 40 ° C)		WLAN, Bluetooth, Ethernet, 4G (Optional)						
Dimensions (W × H × D) 26.4 × 29.4 × 5.9" 26.4 × 43.6 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" 26.4 × 57.8 × 5.9" Two Columns: 26.4 × 32.4 × 5.9" 26.4 × 32.4 × 5.9" 26.4 × 32.4 × 5.9" 26.4 × 46.6	(Tid Backap Controller)	Others						
	Weight	164 lbs	277 lbs	389 lbs	514 lbs	626 lbs	739 lbs	
Two Columns: 26.4 × 32.4 × 5.9" Two Columns: 26.4 × 32.4 × 5.9" Z6.4 × 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, IEEE1547.1, IEEE2030.5, Rule 21, HECO Safety UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3								
Installation Options Wall or Ground**** Operating Temperature -20 ° C to 55 ° C***** Relative Humidity Operating Altitude Up to 13,123 ft, Power Derates from 6,562 ft Enclosure Type NEMA 4 Warranty Grid Connection Certifications UL1741 SB, IEEE1547a, IEEE1547, IEEE1547.1, IEEE2030.5, Rule 21, HECO UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3	Dimensions (W × H × D)	26.4 × 29.4 × 5.9"	.9" 26.4 × 43.6 × 5.9"	26.4 × 57.8 × 5.9"				
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, IEEE1547.1, IEEE2030.5, Rule 21, HECO Safety UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3	Noise							
Relative Humidity 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, IEEE1547.1, IEEE2030.5, Rule 21, HECO Safety UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3	Installation Options							
Operating Altitude Up to 13,123 ft, Power Derates from 6,562 ft 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	Operating Temperature							
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	Relative Humidity	5% to 95%						
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	Operating Altitude	Up to 13,123 ft, Power Derates from 6,562 ft						
Grid Connection Certifications UL1741 SB, IEEE1547a, IEEE1547, IEEE1547.1, IEEE2030.5, Rule 21, HECO Safety UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3	Enclosure Type	NEMA 4						
Safety UL1741, UL60730, UL1973, UL9540, UL9540A, UL67, UN38.3	Warranty			10 Years Li	mited*****			
	Grid Connection Certifications		UL1741 SB, IEEE1	547a, IEEE1547, IEE	EE1547.1, IEEE2030	0.5, Rule 21, HECO		
EMC FCC Part 15B	Safety		UL1741, UL	.60730, UL1973, UL	9540, UL9540A, UL	.67, UN38.3		
	EMC	FCC Part 15B						

^{*}Power output will be derated to 6 kW once the ambient temperature exceeds -55 $^{\circ}$ 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 $^{\circ}$ 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 $^{\circ}$ 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.