

Anker SOLIX XE

7kWh Modular Capacity,
True All-in-One

Dual-Cycle Power,
Max Savings

Built for Effortless
Setup

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Note: The product specifications and details contained in this brochure are based on preliminary information and are subject to change without notice. The actual product features and specifications may vary upon its official release.

Website

Anker SOLIX XE Main Module

XE	XE-H5K-B07	XE-H6K-B07	XE-H8K-B07
Model Name	AE111GZ1	AE113GZ2	AE113GZ4
PV Input			
MPPT Voltage Range	30 - 550 V		
Max. Input Voltage	600 V		
Max. Input Current per MPPT	18 A		
Max. Short-Circuit Current per MPPT	25 A		
Max. PV Input Power	10 kW	15 kW	15 kW
Number of MPPT	3		
Integrated Battery System[1]			
Battery Type	Rechargeable Li-ion Battery (LFP)		
Cell Capacity	314 Ah		
Battery Lifespan	10,000 Cycles		
Depth of Discharge	100%		
Terminal Rated Voltage	400 V d.c.		
Battery Voltage Range	360 - 600 V d.c.		
Nominal Battery Module Voltage	22.4 V d.c.		
Maximum Charging / Discharging Power	3.5 kW		
Maximum Continuous Charging / Discharging Current	9.7 A d.c.		
AC Input / Output (On-Grid)			
Rated Input / Output Voltage	220 / 230 / 240 V a.c., L+N+PE		
Rated Frequency	50 / 60 Hz		
Rated Input / Output Current	21.7 A a.c.	26.08 A a.c.	34.78 A a.c.
Max. Continuous Input / Output Current	22.7 A a.c.	27.27 A a.c.	36.36 A a.c.
Rated Output Active Power	5 kW	6 kW	8 kW
Maximum Output Apparent Power	5 kVA	6 kVA	8 kVA
Power Factor	0.8 Leading ~ 0.8 Lagging		
AC Output (Backup)			
Rated Output Voltage	220 / 230 / 240 V a.c., L+N+PE		
Rated Output Frequency	50 / 60 Hz		
Rated Output Current	21.7 A a.c.	26.08 A a.c.	34.78 A a.c.
Rated Output Apparent Power	5 kVA	6 kVA	8 kVA
Maximum Continuous Output Current	22.7 A a.c.	27.27 A a.c.	36.36 A a.c.
Maximum Continuous Output Apparent Power	5 kVA	6 kVA	8 kVA
Power Factor	0.8 Leading ~ 0.8 Lagging		
Backup Switch Disruption Time[2]	0 ms		
General Specifications			
Dimensions (W × H × D) [mm]	670 × 356 × 325		
Weight	76.5 kg	76.8 kg	76.8 kg
Inverter Topology Type	Non-Isolated		
Operating Temperature Range	-20°C to 55°C		
Relative Humidity Range	0 to 95%		
Protective Class	I		
Ingress Protection Rating	IP66		
Anti-Corrosion Rating	C5-M		
Cooling	Natural Convection		
Noise	< 30 dB		
Operating Altitude Range	≤ 4,000 m		
Overvoltage Category	III (AC), II (PV, BAT)		
Installation Method	Floor Standing, Pedestal-Mount (Sold Separately)		
Installation Location	Indoor / Outdoor		
Warranty	10 Years		
Communication	WLAN / RS485 / CAN / DI / DO		
Max. Number of Battery Modules	0 - 5		
Max. Parallel Units	2 (Single-phase) / 3 (Three-phase)[3]		
Safety Protection Features	PV reverse polarity, PV overvoltage/overcurrent, insulation monitoring, residual current monitoring (RCMU), AC over/under voltage & frequency, AC overcurrent/short-circuit, over-temperature, anti-islanding, DC/AC Type II SPD		
Standards	IEC/EN 62109-1, IEC/EN 62109-2,VDE-AR-E 2510-50, IEC 62619, IEC 63056,IEC 62040-1, IEC/EN 61000-6-1, IEC/EN 61000-6-3		

[1]Refers to a Main Module with one set of battery modules built in.

[2]Refers to load-side interruption time. Test condition: During a grid outage, the total power demand of the backup loads must not exceed the rated output power of the Anker SOLIX XE Main Module.

[3]For parallel operation, up to 2 Main Modules can be connected to a single-phase grid. For three-phase operation, up to 3 Main Modules can be connected, with exactly one Main Module required per phase

Anker SOLIX XE Battery Module

Model Name	A17E23Z1-81
Performance Specifications	
Battery Type	Rechargeable Li-ion Battery (LFP)
Cell Capacity	314 Ah
Nominal Energy	7 kWh
Battery Voltage Range	360 - 600 V d.c.
Maximum Charging / Discharging Power	3.5 kW
Maximum Continuous Charging / Discharging Current	9.7 A d.c.
Battery Lifespan	10,000 Cycles
Depth of Discharge	100%
General Specifications	
Dimensions (W × H × D) [mm]	670 × 275 × 285
Weight	63 kg
Ingress Protection Rating	IP66
Operating Temperature Range	-20°C to 55°C
Operating Altitude Range	≤ 4,000 m
Warranty	10 Years

Anker SOLIX XE Main Module + Battery Module

5 kW(XE-H5K-S)						
Model Name	AE111GZ1	AE111GZ1-1	AE111GZ1-2	AE111GZ1-3	AE111GZ1-4	AE111GZ1-5
Expansion Battery Quantity	0	1	2	3	4	5
Rated Capacity	7 kWh	14 kWh	21 kWh	28 kWh	35 kWh	42 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	10 kW / 5 kW	10 kW / 5 kW			
Weight	76.5 kg	139.5 kg	202.5 kg	265.5 kg	328.5 kg	391.5 kg
Dimensions (W × H × D) [mm]	670 × 356 × 325	670 × 631 × 325	670 × 906 × 325	670 × 1,181 × 325	670 × 1,456 × 325	670 × 1,731 × 325
6 kW(XE-H6K-S)						
Model Name	AE113GZ2	AE113GZ2-1	AE113GZ2-2	AE113GZ2-3	AE113GZ2-4	AE113GZ2-5
Expansion Battery Quantity	0	1	2	3	4	5
Rated Capacity	7 kWh	14 kWh	21 kWh	28 kWh	35 kWh	42 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	7 kW / 6 kW	10 kW / 6 kW			
Weight	76.8 kg	139.8 kg	202.8 kg	265.8 kg	328.8 kg	391.8 kg
Dimensions (W × H × D) [mm]	670 × 356 × 325	670 × 631 × 325	670 × 906 × 325	670 × 1,181 × 325	670 × 1,456 × 325	670 × 1,731 × 325
8 kW(XE-H8K-S)						
Model Name	AE113GZ4	AE113GZ4-1	AE113GZ4-2	AE113GZ4-3	AE113GZ4-4	AE113GZ4-5
Expansion Battery Quantity	0	1	2	3	4	5
Rated Capacity	7 kWh	14 kWh	21 kWh	28 kWh	35 kWh	42 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	7 kW / 7 kW	10 kW / 8 kW			
Weight	76.8 kg	139.8 kg	202.8 kg	265.8 kg	328.8 kg	391.8 kg
Dimensions (W × H × D) [mm]	670 × 356 × 325	670 × 631 × 325	670 × 906 × 325	670 × 1,181 × 325	670 × 1,456 × 325	670 × 1,731 × 325

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Refer to the Anker SOLIX official website for current and accurate information.