ANKER



Anker SOLIX XE

- 7kWh Modular Capacity, 100% Rebate-Ready
- Dual-Cycle Power, Built for Solar Sharer
- Unibody Design with Wireless Meter
- Whole-Home Backup 2.0

Email: support@anker.com
Hotline (AU): +61 1800 929 112
WhatsApp (AU): Text us at 0485 691 202

Note: Images are for illustrative purposes only and may not represent standard installation configurations.
Please refer to the installation manual for correct installation requirements.

| **Anker SOLIX XE** Main Module

XE	XE-4.99K-B07	XE-H7K-B07	XE-H8K-B07
Model Name	AE111TZ1	AE113TZ2	AE113GZ1
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.	30.43 A a.c.	34.78 A a.c.
Max. Continuous Input / Output Current	4.99 kVA	7 kVA	8 kVA
Rated Output Active Power	22.7 A a.c.	31.82 A a.c.	36.36 A a.c.
Maximum Output Apparent Power	4.99 kVA	7 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.	30.43 A a.c.	34.78 A a.c.
Rated Output Apparent Power	4.99 kVA	7 kVA	8 kVA
Max. Output Apparent Power (Bypass)	4.99 kVA	7 kVA	8 kVA
Max. AC Bypass Current	21.7 A	30.43 A	34.8 A
Maximum Continuous Output Current	22.7 A a.c.	31.82 A a.c.	36.36 A a.c.
Maximum Continuous Output Apparent Power	4.99 kVA	7 kVA	8 kVA
Power Factor	0.8 Leading ~ 0.8 Lagging		
Backup Switch Disruption Time[2]	0 ms		
General Specifications			
Dimensions (W × H × D)	670 × 356 × 325 mm		
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-Mounted / Wall-Mounted (Optional)		
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, SA TS 5398, AS 62040.1, IEC 62619, IEC 63056:2020, 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 single-phase operation, up to two Main Modules can be connected in parallel. For three-phase operation, up to three Main Modules can be connected, with 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)	670 × 356 × 325 mm
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

4.99 kW (XE-H4.99K-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	6.99 kWh	13.99 kWh	20.99 kWh	27.99 kWh	34.99 kWh	41.99 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	7 kW / 4.99 kW	10 kW / 4.99 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
7 kW (XE-H7K-S)						
Model Name	AE113TZ2	AE113TZ2-1	AE113TZ2-2	AE113TZ2-3	AE113TZ2-4	AE113TZ2-5
Expansion Battery Quantity	0	1	2	3	4	5
Rated Capacity	6.99 kWh	13.99 kWh	20.99 kWh	27.99 kWh	34.99 kWh	41.99 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	7 kW / 7 kW	10 kW / 7 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	AE113GZ1	AE113GZ1-1	AE113GZ1-2	AE113GZ1-3	AE113GZ1-4	AE113GZ1-5
Expansion Battery Quantity	0	1	2	3	4	5
Rated Capacity	6.99 kWh	13.99 kWh	20.99 kWh	27.99 kWh	34.99 kWh	41.99 kWh
Nominal Voltage	22.4 V d.c.					
Maximum Charging / Discharging Power	3.5 kW	7 kW / 7 kW	10 kW / 8 kW			
Weight	76.5 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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