

ANKER SOLIX



Anker SOLIX XE



7kWh All-in-One,
Expandable Up to 42kWh



Dual-Cycle for
Maximum Savings



Unibody Design with
Wireless Meter

Email: support@ankersolix.com

Note: Product specifications and details are subject to change without notice.
Refer to the Anker SOLIX official website for current and accurate information.

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Rated Capacity	7kWh	14kWh	21kWh	28kWh	35kWh	42kWh
Main Module + Expansion Battery Quantity	1	1+1	1+2	1+3	1+4	1+5
PV Input						
MPPT Voltage Range	30 - 550 V					
Max Input Voltage	600 V					
Max Input Current	18 A / 18A / 18 A					
Max Short Circuit Current	25 A / 25A / 25 A					
Number of MPPT	3					
Grid Input / Output Parameters						
Rated Input / Output Voltage	220 / 230 Va.c., L+N+PE					
Rated Frequency	50 / 60 Hz					
Rated Input Current	15.2 Aa.c.	21.7 Aa.c.				
Maximum Continuous Input Current	16 Aa.c.	22.7 Aa.c.				
Rated Output Current	21.7 Aa.c.					
Maximum Continuous Output Current	22.7 Aa.c.					
Rated Output Active Power	5,000 W					
Maximum Output Apparent Power	5,000 VA					
Peak Output Power (10s)	7,500 W					
Peak Output Power (1s)	10,000 W					
Power Factor	0.8 Lagging - 0.8 Leading					
AC Backup Output Parameters						
Rated Output Voltage	220 / 230 Va.c., L+N+PE					
Rated Output Frequency	50 / 60 Hz					
Rated Output Current	21.7 Aa.c.					
Maximum Continuous Output Current	22.7 Aa.c.					
Rated Output Active Power	5,000 W					
Maximum Continuous Output Apparent Power	5,000 VA					
Power Factor	0.8 Lagging - 0.8 Leading					
Battery System Parameters						
Battery Type	LFP					
Cell Capacity	314 Ah					
Battery Lifespan	10,000 Cycles					
Depth of Discharge	100%					
Terminal Rated Voltage	400 Vd.c.					
Battery Voltage Range	360 - 600 Vd.c.					
Maximum Charging / Discharging Power	3,500 / 5,000 W	7,000 / 5,000 W	10,000 / 5,000 W			
Maximum Continuous Charging / Discharging Current	9.7 / 13.9 Ad.c.	19.4 / 13.9 Ad.c.	27.8 / 13.9 Ad.c.			
Nominal Voltage	22.4 Vd.c.					
Battery System Parameters						
Dimensions (L × H × D)	670 × 356 × 325 mm	670 × 631 × 325 mm	670 × 906 × 325 mm	670 × 1,181 × 325 mm	670 × 1,456 × 325 mm	670 × 1,731 × 325 mm
Weight	76.5 kg	139.5 kg	202.5 kg	265.5 kg	328.5 kg	391.5 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	IP66					
Anti-Corrosion Rating	C5-M					
Cooling	Natural Convection					
Operating Altitude Range	≤ 4000 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					

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| Anker SOLIX XE Battery Module

Battery System Parameters	
Battery Type	LFP
Rated Capacity	7 kWh
Cell Capacity	314 Ah
Battery Lifespan	10,000 Cycles
Depth of Discharge	100%
Rated Charging / Discharging Power	3,500 W
Maximum Charging / Discharging Power	3,500 W
Terminal Nominal Voltage	400 Vd.c
Terminal Voltage Range	360 - 600 Vd.c.
Battery Nominal Voltage	22.4 Vd.c.
General Parameters	
Dimensions (L × H × D)	670 × 275 × 285 mm
Weight	63 kg
Operating Temperature Range	-20°C to 55°C
Relative Humidity Range	0 to 95%
Protective Class	Class I
Enclosure Type	IP66
Anti-Corrosion Rating	C5-M
Cooling	Natural Convection
Operating Altitude Range	≤ 4000 m
Installation Method	Floor Standing or Pedestal-Mount (Sold Separately)
Number of Expansion Battery per Main Module	0 to 5 pcs
Installation Location	Indoor / Outdoor
Warranty	10 Years

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