



Anker SOLIX XE Hybrid



7kWh Modular Capacity,
100% Rebate-Ready



Dual-Cycle Power,
Built for Solar Sharer



Unibody Design with
Wireless Meter

Phone: (AU) + 61 1800 929 112
Email: support@ankersolix.com

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



Website

| Anker SOLIX XE Hybrid

Rated Capacity	7 kWh	14 kWh	21 kWh	28 kWh	35 kWh	42 kWh
Usable Capacity	6.99 kWh	13.99 kWh	20.99 kWh	27.99 kWh	34.99 kWh	41.99 kWh
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					
Max Short Circuit Current	25 A					
Number of MPPT	3					
Grid Input / Output Parameters						
Rated Input / Output Voltage	220 / 230 V a.c., L+N+PE					
Rated Frequency	50 / 60 Hz					
Rated Input Current	21.7 A a.c.					
Maximum Continuous Input Current	22.7 A a.c.					
Rated Output Current	21.7 A a.c.					
Maximum Continuous Output Current	22.7 A a.c.					
Rated Output Active Power	4,999 W					
Maximum Output Apparent Power	4,999 VA					
Power Factor	0.8 Lagging ~ 0.8 Leading					
AC Backup Output Parameters						
Rated Output Voltage	220 / 230 V a.c., L+N+PE					
Rated Output Frequency	50 / 60 Hz					
Rated Output Current	21.7 A a.c.					
Maximum Continuous Output Current	22.7 A a.c.					
Rated Output Active Power	4,999 W					
Maximum Continuous Output Apparent Power	4,999 VA					
Peak Output Power (10s)	7,499 W					
Peak Output Power (1s)	9,999 W					
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 V d.c.					
Battery Voltage Range	360 ~ 600 V d.c.					
Maximum Charging / Discharging Power	3,500 W / 4,999 W	7,000 W / 4,999 W	10,000 W / 4,999 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 V d.c.					
General 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					

| Battery Module

Battery System Parameters		General Parameters	
Battery Type	LFP	Dimensions (W × H × D)	670 × 275 × 285 mm
Rated Capacity	7 kWh	Weight	63 kg
Cell Capacity	314 Ah	Operating Temperature Range	-20 °C to 55 °C
Battery Lifespan	10,000 cycles	Relative Humidity Range	0 to 95%
Depth of Discharge	100%	Protective Class	Class I
Rated Charging / Discharging Power	3.5 kW	Ingress Protection	IP66
Maximum Charging / Discharging Power	3.5 kW	Anti-Corrosion Rating	C5-M
Terminal Nominal Voltage	400 V d.c	Cooling	Natural Convection
Terminal Voltage Range	360 - 600 V d.c.	Operating Altitude Range	≤ 4000 m
Battery Nominal Voltage	22.4 V d.c.	Installation Method	Floor Standing or Pedestal-Mount
		Number of expansion battery per main module	0 to 5 pcs
		Installation Location	Indoor / Outdoor
		Warranty	10 years

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