



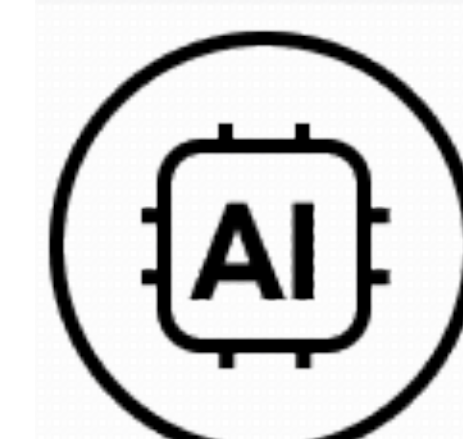
Anker SOLIX Solarbank Max



3 MPPT, Up to 10kWp
Solar Input



3,500W - 5,000W
AC Output



Anker
Intelligence

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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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Website

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Rated Capacity	7 kWh	14 kWh	21 kWh	28 kWh	35 kWh	42 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 / 18 A / 18 A					
Max. Short Circuit Current	25 A / 25 A / 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 A a.c.					
Maximum Continuous Input Current	15.2 A a.c.					
Rated Output Current	16 A a.c.					
Maximum Continuous Output Current	16 A a.c.					
Rated Output Active Power (Schuko / Wieland)	3.5 kW					
Rated Output Active Power (Hardwiring)	5 kW (Europe, excluding Germany) 4.6 kW (Germany)					
Maximum Output Apparent Power (Schuko / Wieland)	3.68 kVA					
Maximum Output Apparent Power (Hardwiring)	5 kVA					
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 A a.c.					
Maximum Continuous Output Current	22.7 A a.c.					
Rated Output Active Power	3.5 kW					
Maximum Continuous Output Apparent Power	3.68 kVA					
Peak Output Power (10s)	7,500 W					
Peak Output Power (1s)	10,000 W					
Power Factor	0.8 lagging - 0.8 leading					
Battery System Parameters						
Battery Type	Rechargeable Li-ion Battery (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	3.5 kW	7 / 5 kW	10 / 5 kW			
Maximum Continuous Charging / Discharging Current	9.7 Ad.c.	19.4 A d.c. / 13.9 Ad.c.	27.8 Ad.c. / 13.9 Ad.c.			
Nominal Voltage	22.4 Vd.c.					
General Parameters						
Dimensions (L × H × D)	670 × 356 × 350 mm	670 × 631 × 350 mm	670 × 906 × 350 mm	670 × 1,181 × 350 mm	670 × 1,456 × 350 mm	670 × 1,731 × 350 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 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)					
PV Switch	3× 18 A at 40°C, 1 A at 60°C					
Installation Method	Floor Standing, Pedestal-Mount (Sold Separately)					
Installation Location	Indoor / Outdoor					
Warranty	10 years					
Comunication	WLAN / RS485					



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