

ANKER

Anker SOLIX Solarbank Max

10kW Solar Input | 3.5-5kW AC Output | 10,000 Cycles



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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.



LinkedIn

I Anker SOLIX Solarbank Max

Rated Capacity	7kWh	14kWh	21kWh	28kWh	35kWh	42kWh
Main Module + Expansion Battery Count	1	1+1	1+2	1+3	1+4	1+5
PV Input						
Max. PV Input	10kW					
MPPT Voltage Range	30–550V					
Max. Input Voltage	600V					
Max. Input Current	18A / 18A / 18A					
Max. Short-Circuit Current	25A / 25A / 25A					
Number of MPPTs	3					
Grid Input / Output Parameters						
Rated Input / Output Voltage	220 / 230V AC, L+N+PE					
Rated Frequency	50 / 60 Hz					
Rated Input Current	15.2A AC					
Max. Continuous Input Current	15.2A AC					
Rated Output Current	16A AC					
Max. Continuous Output Current	16A AC					
Rated Output Active Power (Schuko / Wieland)	3.5kW					
Rated Output Active Power (Hardwiring)	5 kW (Europe, excluding Germany) 4.6 kW (Germany)					
Max. Output Apparent Power (Schuko / Wieland)	3.68kVA					
Max. Output Apparent Power (Hardwiring)	5kVA					
Power Factor	0.8 lagging to 0.8 leading					
AC Backup Output Parameters						
Rated Output Voltage	220 / 230V AC, L+N+PE					
Rated Output Frequency	50 / 60 Hz					
Rated Output Current	21.7A AC					
Max. Continuous Output Current	22.7A AC					
Rated Output Active Power	3.5kW					
Max. Continuous Output Apparent Power	3.68kVA					
Peak Output Power (10s)	7,500W					
Peak Output Power (1s)	10,000W					
Power Factor	0.8 lagging to 0.8 leading					
Battery System Parameters						
Battery Type	Rechargeable Li-ion Battery (LFP)					
Cell Capacity	314Ah					
Battery Lifespan	10,000 cycles					
Depth of Discharge	100%					
Rated Terminal Voltage	400V DC					
Battery Voltage Range	360–600V DC					
Max. Charging / Discharging Power	3.5kW	7 / 5kW	10 / 5kW			
Max. Continuous Charging / Discharging Current	9.7A DC	19.4 / 13.9A DC	27.8 / 13.9A DC			
Nominal Voltage	22.4V DC					
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°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	≤ 4,000 m					
Overvoltage Category	III (AC), II (PV, BAT)					
Installation Method	Floor-Standing or Pedestal-Mount (Sold Separately)					
Installation Location	Indoor / Outdoor					
Warranty	10 years					
Communication	WLAN / RS485					