



Anker SOLIX Solarbank 2 E1600 AC

Upgrade Effortlessly, Solar Savings for Day and Night

The most fitting solar power system upgrade solution with AC coupling



100% Microinverter Compatibility
with AC Coupling



Expand to 2kW Input
and 9.6kWh Capacity



Zero Waste with
Smart Meter

Phone: +49 (0) 69 9579 7960
Email: support@anker.com

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



Community



Website

| Anker SOLIX Solarbank 2 E1600 AC

Basic Specifications

Rated Capacity	100Ah/1,600Wh
Battery Type	LFP
Battery Cycles	6,000 (70%)

Connectivity

Smart App Control	Yes (Bluetooth, 2.4 GHz WLAN)
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PV Terminal

Max PV Input Voltage	60VDC
Max PV Input Current	16ADC (per Channel)
Max Isc PV	20ADC (per Channel)
Max MPPT Input Power (Total)	1,200W
Operation Voltage Range	16VDC to 60VDC
Number of MPPT	2

AC Input (On-Grid Terminal)

Max AC Input Power	2,000W
Max AC Input Current	10AAC
AC Rated Input Voltage	L+N+⊕, 220VAC/230VAC, 50Hz

AC Output (On-Grid Terminal)

AC Output Power	800W
AC Rated Output Voltage	L+N+⊕, 220VAC/230VAC, 50Hz
Max AC Output Current	3.5AAC
Power Factor	0.8 Lagging to 0.8 Leading

Battery Terminal

Battery Rated Voltage	16VDC
Max Charging Current	70ADC
Max Discharging Current	75ADC
Expandable Battery Quantity	5
Max System Expandable Capacity	9,600Wh
IEC Code	IFpP51/161/120[5S]M / -20+50/90
Rated Charging Power (Single Device)	1,000W
Rated Charging Power with Battery	2,000W
Rated Charging Power with 2-5 Batteries	2,400W

AC Input (Off-Grid Terminal)

AC Input Power	Maximum 800W from Microinverters
AC Rated Input Voltage	L+N+⊕, 220VAC/230VAC, 50Hz
Power Factor	0.8 Lagging to 0.8 Leading

AC Output (Off-Grid Terminal)

AC Output Power	1,200W Max Off-Grid 2,000W Max On-Grid When Using AC Input (On-Grid Terminal)
AC Rated Output Voltage	L+N+⊕, 220VAC/230VAC, 50Hz
Power Factor	0.8 Lagging to 0.8 Leading

General Parameters

Charging Temperature Range	0°C to 55°C
Discharging Temperature Range	-20°C to 55°C
Self-Heating Temperature Range	-20°C to 0°C
Maximum Altitude Rating	Below 4,000m
Protection Rating	IP65
Inverter Topology (Solar)	Isolated
Protective Class	Class I
Warranty	10 Years

Dimensions and Weight

Dimensions	460 × 249 × 254 mm
Weight	22 kg