

Anker SOLIX Solarbank E1600

LiFePO4 Balcony Storage Solution

1600Wh | 800W



“Live in Power”

Highlights

Home Energy Storage Graded
LiFePO4 Batteries



Universal Compatibility



10-Year Warranty



Specifications

Product Model

PN	A17C0
Model Name	Solarbank E1600

Battery Info

Type of Battery	LiFePO4
Capacity	1600Wh
Cycle Life	6000 to 80%
Warranty	10 Years
Input Power	800W Max
Residual Battery after 1 Year Inactivity from 100%	75%



Specifications

Power Inputs

Input Port	MC4 (2 sets)
Input Power(Charging)	800W Max
Input Current	30A Max
Input Voltage	11~60VDC*
Charging Temperature	0~55°C

Power Outputs

Output Port	MC4 (1 Set)
Output Power(Discharging)	800W Max
Output Current	20A Max
Nominal Voltage Range	11~60VDC*
Discharging Temperature	-20~55°C

Transportation

Product Weight	20kg
Packaging Weight	25kg
Product Dimension	420x232x240mm
Packaging Dimension	507x296x321mm
Waterproof Rating	IP65

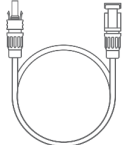
Certifications

CE-RED	CE-LVD
CE-EMC	RoHS
REACH	PoPs
BQB	UN38.3
SDS	

*Considering the power and voltage fluctuation of the solar panels, and to match the operating voltage of the micro inverter, it is recommended that the total PV Voc (open circuit voltage) be in the range of 30-55V.

Specifications

Package Content

Name	# of Content	Size	Overview
Anker SOLIX Solarbank E1600	1	420x232x240mm	
MC4 Y Shaped Output Cable	1 Set(2 Cables)	3 Meters	
Solar Panel Extension Cable	4 Cables	3 Meters	
Wrench for Removing MC4 Connector	1	121x38x7.4mm	
User Manual	1	/	

Common FAQs

Questions

Answers

Micro Inverter Compatibility?

Solarbank E1600 can be connected up to 1600W micro inverter. One Solarbank's maximum output is 800W. Two Solarbank combined maximum output is 1600W. Combined output can be customized through Anker application from 0W to 1600W.

Solar Panel Compatibility?

Solarbank E1600 can be connected up to 1200W solar panels(Maximum Current: 30A)

Surge Protection?

When input current over 30A or input voltage over 60V was detected, the Solarbank will shutdown automatically, severance the system from the power grid.

Is there a bypass mode?

Yes. After the Solarbank is fully charged, the excessive electricity from the solar panels will power the micro inverter through our bypass circuit. However, the solar panels and Solarbank can not discharge simultaneously to power micro inverter.

Expandability?

Anker application allows connection up to 2 Solarbanks in one system. Each system's output can be customized individually. Multiple systems can be created to connect multiple Solarbanks.

Usability in winter?

When the temperature falls below 0 °C, Solarbank will automatically turn on Low Battery Protection mode. The reserved residual battery can power Solarbank up to 3 months without recharging.