



Anker SOLIX F3800

The Most Accessible Whole-Home Backup Power

Minimum Effort, Maximum Power

12,000
W

6,000-12,000W
High Power Output



120/240V Powers
100% of Appliances



Scale from 3.84-53.8kWh
for Weeks of Power



Power Every Day with 2,400W
Direct Charging



Easily Control Energy
with the Anker App



reddot winner 2024



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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.



Website

| Anker SOLIX F3800 Power Station

Capacity	
Capacity	3,840Wh
Extra Battery Capacity	3,840Wh
Max Expansion Batteries	6 (Up to 23.04kWh)
Output	
AC Rated Power	6,000W
SurgePad™ Power	9,000W
AC Voltage	120/240V
AC Sockets	1× NEMA 14-50 1× NEMA L14-30 6× AC Outlet
Output Ports	14
Input	
AC Input Power	1,800W, 120V~15A
DC Inupt Ports	2
Solar Input Power (MPPT)	11-60V=7A, 2,400W (2× 1,200W)
Est. Solar Recharge Time	1.5 Hr to 100%
Car Outlet Rated Power	120W
Other Specifications	
Battery Type	LFP
Battery Life Cycle	80% Efficiency After 3,000 Cycles
Dimensions (Imperial)	27.6 × 15.3 × 15.6"
Dimensions (Metric)	702 × 388 × 395 mm
Product Weight (Imperial)	132.3 lb
Product Weight (Metric)	60 kg
Light Bar	Yes
Smart App Control	Yes (Bluetooth, WLAN)
UPS	20 ms

	Auto Backup Solutions		Manual Backup Solutions	
Solutions	F3800 + Home Power Panel	2× F3800 + Home Power Panel	F3800 + Transfer Switch	2× F3800 + Double Power Hub + Transfer Switch
Capacity (kWh)	3.84 - 26.9kWh	7.68 - 53.8kWh	3.84 - 26.9kWh	7.68 - 53.8kWh
Voltage	120V/240V	120V/240V	120V/240V	120V/240V
AC Output Power	6kW	126kW	6kW	12kW
Maximum Cycle Power	6kW	6kW	/	/
Local Feed in	Yes	Yes	No	No
Time of Use Mode	Yes	Yes	No	No
Battery Cycles	3,000	3,000	3,000	3,000
Installation	DIY	DIY	DIY	DIY
Installation Mounting	Not Required	Not Required	Not Required	Not Required
Est. Installation Time	1 Hr	1 Hr	1 Hr	1 Hr
Warranty	5 Years	5 Years	5 Years	5 Years
Sellable	No	No	No	No
Annual Savings	\$3,936.50 ¹	\$4,944 ²	/	/

¹Calculation is based on Anker SOLIX F3800 and Home Power Panel paired with 6,400W solar panels and 6 additional battery packs. The data is for reference only; the actual usage may vary depending on lighting conditions, load consumption, and other factors. Please refer to the actual situation.

²Calculation is based on two Anker SOLIX F3800s and Home Power Panel paired with 6,400W solar panels and 12 additional battery packs. The data is for reference only; the actual usage may vary depending on lighting conditions, load consumption, and other factors. Please refer to the specific situation.