



GermanSolar
The Partner For Your Solar Lifestyle®

PORTABLE SERIES

The portable solar panels developed by GermanSolar, are all convenient to carry outdoors, and to use anywhere.

FOLDABLE

50 W
100 W
200 W

Wherever you go, wherever the sun shines, GermanSolar's foldable panels are perfect for your adventures - as backup power for your electronic devices, and as alternative power sources.

50 W / 100 W



200 W



APPLICATIONS

Our foldable solar panels **50 W / 100 W / 200 W** are suitable for phones and for tablets. They've adopted high efficiency mono solar cell technology, producing a conversion efficiency of up to 25%. Their design not only includes ETFE-lamination, which results in an IP68 water-resistant rating, but also provides ultra protection and enough durability to extend and optimize each foldable panel's lifetime. Our foldable panels are a perfect choice for all of your travel, camping, and adventure needs.

COMPATIBILITY



Phone



Tablet



Camera



Computer



Batteries

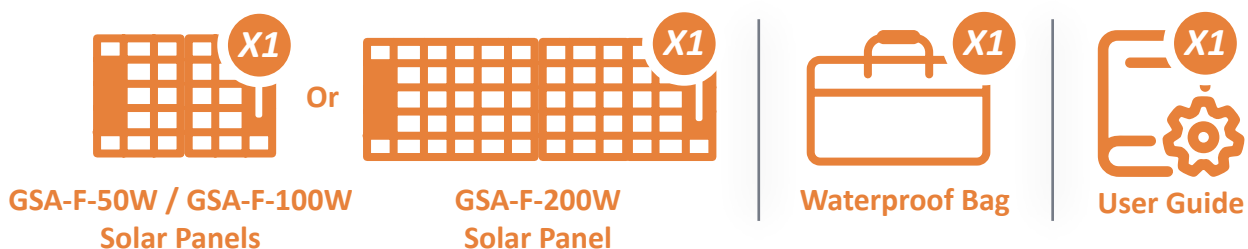
(GEL, AGM, flooded, and lithium)

APPLICATION SCENARIO



- New generation of high-efficiency solar cell technology
- No metal grid lines on the front side
 - full black appearance
 - can eliminate the Shielding Current Loss of the metal electrode
- Better stability in harsh environments (high temperature, low temperature, humidity)

SPECIAL FEATURES

PACKAGE INCLUDES

SPECIFICATIONS

Item	GSA-F-50W	GSA-F-100W	GSA-F-200W
Nominal Max. Power (P_{max}) *(W)	50	100	200
Open Circuit Voltage (V_{oc}) (V)	27.20	21.40	21.20
Short Circuit Current (I_{sc}) (A)	2.20	6.05	12.10
Max. Power Voltage (V_{mpp}) (V)	23.20	17.40	17.40
Max. Power Current (I_{mpp}) (A)	2.16	5.75	11.50
Folded Size (mm)	465 × 425 × 40	570 × 610 × 40	580 × 610 × 65
Unfolded Size (mm)	940 × 425 × 35	1140 × 610 × 35	2170 × 610 × 35
Weight (kg)	2.8	4.8	8.8
Connector Type	USB + Type C + DC + Anderson 30A + XT60		USB + Type C + DC + Anderson 30A + XT60 + MC4

PRODUCT WARRANTY
3
Years

Product warranty : 3 years