BLUETTI
Sora Solar Panel Datasheet



High Efficiency
25% efficient TOPCon cells turn sunlight into power faster than conventional panels. Less time waiting, more time powering your life - day or night, hot or cloudy.

Power on Your Terms
Rapidly charge your power station. Keep your fridge cold. Keep your lights on. Wherever you are, gives you energy on your schedule, so you can focus on what matters.

Wide Compatibility
The versatile MC4 connector allows seamless integration with a wide range of solar generators on the market.

FEATURES	SORA 60	SORA 130	SORA 220	SORA 500
Max. Power	60W	130 W	220 W	500 W
Solar Cell Lamination	ETFE	ETFE	ETFE	ETFE
Cell Efficiency	24.7% Max.	25% Max.	25% Max.	25% Max.
Cell Type	Monocrystal	TOPCon	TOPCon	TOPCon
Open Circuit Voltage	27.5 V	25.9 V	25.9 V	49.1 V
Short Circuit Current	2.76 A	6.9 A	11 A	13.31 A
Voltage at Max Power (Vmp)	23.1 V	21.6 V	21.6 V	40.92 V
Current at Max Power (Imp)	2.58 A	6.0 A	10.2 A	12.22 A
Dimensions (Unfolded)	900 x 424 mm 35.4 x 16.7 in	1378 x 660 x 3 mm 54.25 x 25.98 x 0.11in	1723 x 838 x 3 mm 67.83 x 32.99 x 0.11 in	2541 x 1146.6 x 3 mm 100.04 x 45.14 x 0.11 in
Dimensions (Folded)	226 x 210 x 70 mm 8.9 x 8.3 x 2.8 in	326 x 352 x 50 mm 12.83 x 13.86 x 1.97 in	415 × 302 × 87 mm 16.34 × 11.89 × 3.43 in	570 × 445 × 85 mm 22.44 × 17.52 × 3.35 in
Weight	1.4 kg/3.09 lbs	3.6 kg/7.9 lbs	5.9 kg/13 lbs	12.9 kg/28.4 lbs
Operating Temperature	-10C to 65C 14F to 149F	-25C to 65C -13F to 149F	-25C to 65C -13F to 149F	-25C to 65C -13F to 149F
Best Working Temperature	25C (77F)	25C (77F)	25C (77F)	25C (77F)
Ingress Protection	IP65	IP67	IP67	IP67
Warranty	12 months	12 months	12 months	12 months