

ULTRALIGHT UL

Solar suitcase



ULTRALIGHT – solar suitcase
80 W • 100 W • 120 W • 200 W

The WATTSTUNDE ULTRALIGHT Solar Suitcases are lightweight, compact and extremely stable. They are a practical mobile solution for people parking in shade and the additional charging of your 12 V battery, regardless of where your vehicle is parked. They are also perfectly for maritime usage. Unpack, open, connect and ready!

- Foldable, ideal for easy transportation
- Freely alignable with the sun
- Monocrystalline A-grade cells
- All necessary connection cables and terminals are included in the scope of supply
- Easy handling – Fast plug & play system by Anderson clamps
- Protected in a secure carrying bag

Technical changes, errors and printing mistakes are reserved stand 01.2022

Typ	WS80SUL	WS100SUL	WS120SUL	WS200SUL
Article no.	101 – 50080	101 – 50100	101 – 50120	101 – 50200
Nominal power (Pmax)	80 Wp	100 Wp	120 Wp	200 Wp
Max. Energy output (summer)	400 Wh/d	500 Wh/d	600 Wh/d	1000 Wh/d
Max. power voltage (Umpp)	18,3 V	19,1 V	19,1 V	19,8 V
Max. power current (Impp)	4,37 A	5,23 A	6,74 A	10,1 A
Open circuit voltage (Uoc)	22,6 V	22,6 V	22,6 V	23,4 V
Short circuit current (Isc)	4,85 A	6,07 A	7,28 A	10,71 A
Bypass-diode	not integrated			
Cell efficiency	≥ 18 %			
Max. working temperature	-40 °C bis + 85 °C			
Connection cable	Anderson-Plug (Plug & Play)			

Values according to STC-conditions
(E= 1000W/m², Tc=25 °C, AM=1,5)

Dimension

Weight	4,1 kg	4,7 kg	5,3 kg	8,0 kg
Dimensions folded mm (L x B x H)	565 x 505 x 46	565 x 615 x 46	565 x 715 x 46	675 x 795 x 50
Dimensions open mm (L x B x H)	1205 x 505 x 23	1205 x 615 x 23	1205 x 715 x 23	1365 x 795 x 25

Basic Data Module

Cell material	Monocrystalline A-Grade
Junction box	IP 65
Temperature coefficient (Isc)	+0,03 %/K
Temperature coefficient (Uoc)	-0,31 %/K
Temperature coefficient (Pmpp)	-0,43 %/K