

# ULTRALIGHT Solar Suitcase

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

WS-SUL ULTRALIGHT SOLAR SUITCASE  
80 W · 100 W · 120 W · 200 W



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
Voltage (Umpp)	18,3 V	19,1 V	19,1 V	19,8 V
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
Cell efficiency	> 18 %	> 18 %	> 18 %	> 18 %
Max. working temperature	-40 °C bis + 85 °C	-40 °C bis + 85 °C	-40 °C bis + 85 °C	-40 °C bis + 85 °C

Values according to STC-conditions  
(E= 1000 W/m<sup>2</sup>, Tc= 25 °C, AM= 1,5)

## WEIGHTS AND MEASURES

Net. weight	4,1 kg	4,7 kg	5,3 kg	8,0 kg
Dimensions closed	565 x 505 x 46 mm	565 x 615 x 46 mm	565 x 715 x 46 mm	800 x 690 x 46 mm
Dimensions open	1205 x 505 x 23 mm	1205 x 615 x 23 mm	1205 x 715 x 23 mm	1470 x 600 x 23 mm

## BASIC DATA MODULE

Cell material	Monocrystalline A-Grade	Temperature coefficient (Isc)	[% / K]	+ 0,03
Connection	Anderson-Plug (Plug & Play)	Temperature coefficient (Uoc)	[% / K]	- 0,31
Junction box	IP 65	Temperature coefficient (Pmpp)	[% / K]	- 0,43