



Specifications

Whisper Solar

185

29-05-2024

ARTICLE NUMBER

60110402

Whisper Solar 185

DIMENSIONS & WEIGHT

Weight 18.3 kg / 40.4 lb.
Length x width x height 1482 x 676 x 35 mm (58.4" x 26.6" x 1.4" inch)

MAIN SPECIFICATIONS

Peak power PMPP 185 W
Short circuit current ISC 9,86
Open circuit voltage VOC 23,9
Rated current IMPP 9,4
Rated voltage VMPP 19,7
Current and voltage tolerance [%] ± 3
Module efficiency [%] 18,39

ELECTRICAL PARAMETERS AT NOMINAL CELL TEMPERATURE (NOCT)

Peak power P 134,75
Peak power tolerance -0 / +4,9
Short circuit current 7,92
Open circuit voltage 21,98
Rated current 7,53
Rated voltage 17,91

MECHANICAL

Solar cells 36 cells, monocrystalline Si, 156 xmm \pm 1 mm
Cells encapsulation Ethylene vinyl acetate (EVA)
Front Solar glass, 3,2 mm
Back Composite polyester Film black
Frame Black anodized aluminium frame with twin-wall profile and drainage holes
Junction box IP67 with 3 Bypass diodes
Cable and connectors Solar cable 4 mm², length 1000 mm, PV4 connectors

OPERATING CONDITIONS

Temperature range [°C] -40 to +85
Maximum system voltage 1000

Max. series fuse rating	15 A
Limiting reverse current	15 A
Maximum surface load	5400 Pa (Snow load)
Resistance against hail	Max. diameter of 25 mm with impact speed of 23 m/s

THERMAL CHARACTERISTICS

Temperature coefficient of P [%/K]	-0,42
Temperature coefficient of I [%/K]	0,05
Temperature coefficient of V [%/K]	-0,33