

# SP-100W



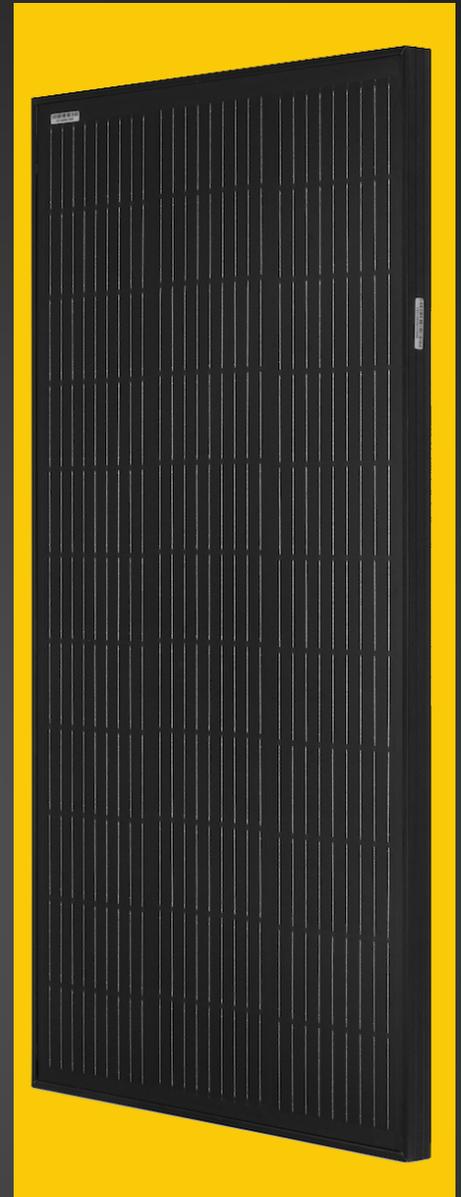
## ELECTRICAL DATA (STC)

Model Number	SP-100W
Rated Power in Watts-Pmax(Wp)	100
Open Circuit Voltage-Voc(V)	22.11
Short Circuit Current-Isc(A)	5.91
Maximum Power Voltage-Vmpp(V)	18.81
Maximum Power Current-Imp (A)	5.32
Power Tolerance	0~+3%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

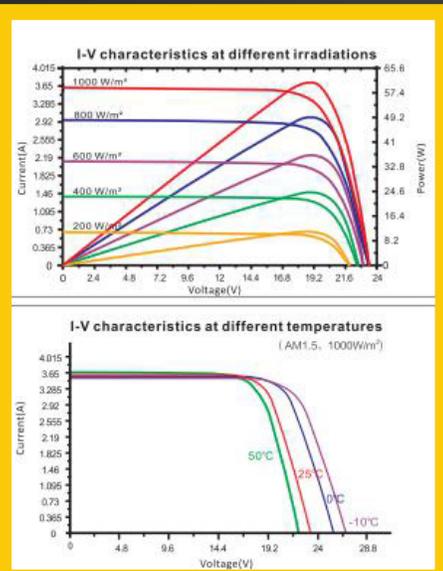
## MECHANICAL DATA

Solar cells	Mono-crystalline
Cell configuration	33cells(3*11)
Module dimensions	985x540x30mm
Weight	7.6kg
Superstrate	3.2 mm, High Transmission, Low Iron, Tempered Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy type 6063T5, Silver color
J-Box	IP67
Cables	90cm 4mm <sup>2</sup> cable with MC4



## TEMPERATURES & MAXIMUM RATINGS

Nominal Module Operating Temperature(NMOT)	45P±2P
Temperature Coefficient of Voc	-0.29%/P
Temperature Coefficient of Isc	0.05%/P
Temperature Coefficient of Pmax	-0.39%/r
Operational Temperature	- 40%>+85P
Maximum System Voltage	1000VDC
Max Series Fuse Rating	20A
Limiting Reverse Current	20A



**25 YEARS** OUTPUT POWER WARRANTY

**10 YEARS** PRODUCT WARRANTY

