

# MARSTEK

Power Anywhere & Anytime

## APOLLO SERIES FLEXIBLE SOLAR PANEL

- 110W/pcs, 220W/pcs
- Lightweight, 2kg~3.9kg only
- Easy Installation, Tools-free
- Designed for Balcony, RV, Yacht etc



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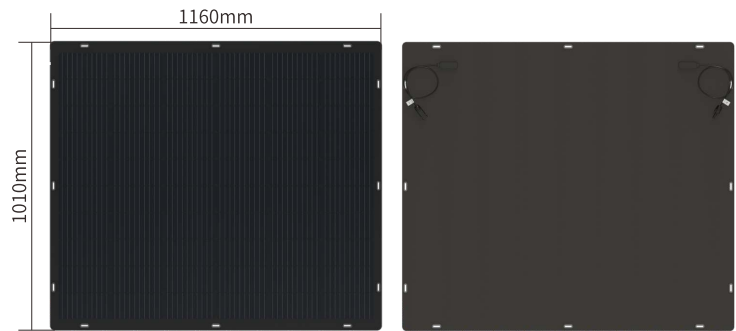


Product Manual

# SPECIFICATIONS



MST-FSP-110W



MST-FSP-220W

Model Type	MST-FSP-110W	MST-FSP-220W
<b>Specifications</b>		
Maximum Output Power	110W	220W
Power Tolerance	±5%	±5%
Open-circuit Voltage(Voc)	20.5V	20.5V
Short-circuit Current(Isc)	6.43V	12.88A
Voltage at Pmax(Vmp)	17.6V	17.6V
Current at Pmax(Imp)	5.96A	11.93A
Cell Efficiency(%)	23.3%	23.3%
Solar Cell	Single Crystal Prec, A Class	Single Crystal Prec, A Class
Operating Temperature	-20°C to 60°C	-20°C to 60°C
Expanded Dimensions	610*1010*3mm	1160*1010*3mm
Maximum System Voltage	600VDC	600VDC
Weight	2±0.3kg	3.9±0.3kg
Connector Type	MC4, 900mm, 1.5mm <sup>2</sup> PV Cable	MC4, 1000mm, 4mm <sup>2</sup> PV Cable
Certification	CE, Rohs	CE, Rohs

\*STC.1000W/m<sup>2</sup>. T=25°C. AM=1.5

Temperature Characteristics	
NOCT(Nominal Operating Cell Temperature)	45 ± 2°C
Temperature Coefficient of Pmax	-0.38%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	0.020%/°C

## I-V CURVE

