



# Azimuth Solar Products Inc.

## 100W Flexible Solar Panel

SPF100WHT



### Specifications

### 100W Flexible Solar Panel

Solar Cell Type	Mono-Crystalline Silicon
Rated Max Power ( $P_{max}$ )	100W
Maximum Power Current ( $I_{mp}$ )	5.56 A
Maximum Power Voltage ( $V_{mp}$ )	18.0 V
Short-Circuit Current ( $I_{sc}$ )	6.10 A
Open-Circuit Voltage ( $V_{oc}$ )	21.70 V
Module Efficiency	16.50%
Max System Voltage	1000 VDC (IEC)
Cells (Quantity/Orientation)	32 / 8 x 4
Dimensions	1190 x 540 x 3 mm (46.85 x 21.26 x 0.11")
Weight	1.8 kg (4 lbs)
Operational Temperature	-40°C to 85°C (-40°F to 185°F)
Nominal Operating Cell Temp. (NOCT)	47°C +/- 2°C
Voltage Temp. Coefficient ( $V_{oc}$ )	-0.35% / °C
Current Temp. Coefficient ( $I_{sc}$ )	0.05% / °C
Power Temp. Coefficient ( $P_{max}$ )	-0.45% / °C
Power Connection	MC4, 90 cm PV Cable
Certifications	CE, ISO, ROHS, FCC, IP65 Rated Waterproof
Warranty	5 Years Workmanship, 10 Years Power
Manufacturer	HeTech Energy Co., Ltd.

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