MONO MODULE

SST7F54M(H)
108 Pcs
Half-Cut Black
Bifacial Module With Transparent Backsheet
400W-410W

Better Temperature Coefficient
Excellent temperature coefficient gives higher yield in the long term

Low-light Performance
Outstanding performance in weak-light conditions

PID Free
Excellent PID resistance

Positive Tolerance
Positive tight power tolerance of +5W

Quality Assurance
Double state 100% EL inspection warranting defect-free products, with 8 high tech cameras to zoom in for a closer examination

Durability And Weather Resistance
- Severe salt mist, ammonia & blown sand resistance for seaside, farm and desert environments.
- Certified for high snow (5400 pa) and wind (2400 pa) loads

MADE IN CALIFORNIA
LINEAR WARRANTY
10 YEARS WORKMANSHIP WARRANTY

Linear Performance Warranty
Standard Performance Warranty
108 Pcs Half-Cut Black 400W~410W

**Electrical Characteristics at STC**

<table>
<thead>
<tr>
<th>Testing Condition</th>
<th>STC</th>
<th>NMOT</th>
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</thead>
<tbody>
<tr>
<td>Maximum Power (Pmax/W)</td>
<td>390</td>
<td>291</td>
<td>395</td>
<td>294</td>
<td>400</td>
<td>298</td>
<td>405</td>
<td>302</td>
<td>410</td>
<td>306</td>
</tr>
<tr>
<td>Operating Voltage (Vmpp/V)</td>
<td>30.65</td>
<td>28.6</td>
<td>30.85</td>
<td>28.8</td>
<td>31.05</td>
<td>29.0</td>
<td>31.24</td>
<td>29.2</td>
<td>31.43</td>
<td>29.3</td>
</tr>
<tr>
<td>Operating Current (Imp/A)</td>
<td>12.73</td>
<td>10.18</td>
<td>12.81</td>
<td>10.23</td>
<td>12.89</td>
<td>10.30</td>
<td>12.97</td>
<td>10.36</td>
<td>13.05</td>
<td>10.42</td>
</tr>
<tr>
<td>Open-Circuit Voltage (Voc/V)</td>
<td>36.50</td>
<td>34.4</td>
<td>36.75</td>
<td>34.6</td>
<td>37.00</td>
<td>34.8</td>
<td>37.25</td>
<td>35.1</td>
<td>37.50</td>
<td>35.3</td>
</tr>
<tr>
<td>Module Efficiency (%)</td>
<td>20.00</td>
<td>20.20</td>
<td>20.50</td>
<td>20.70</td>
<td>21.00</td>
<td></td>
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</tbody>
</table>

STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25°C, Power output tolerance: 0~+5W, Test uncertainty for Pmax ± 3%
NMOS: Irradiance 800W/m², Spectra at AM1.5, Ambient Temperature 20°C, Wind speed 1m/s

**Temperature Characteristics**

- Nominal Operating Cell Temperature (NOCT): 43°C ±2°C
- Temperature Coefficients of Pmax: -0.35%/°C
- Temperature Coefficients of Voc: -0.26%/°C
- Temperature Coefficients of Isc: 0.048%/°C

**Packaging**

- Standard packaging
- Module quantity per 53' container: 36
- Pallet: 864

**Mechanical Characteristics**

- Cell type: Monocrystalline PERC 182*91mm
- Number of cells: 108 (6x18)
- Module dimensions: 1722x1134x30mm (67.80x44.65x1.18 inches)
- Weight: 21.5kg (47.4lbs)
- Front cover: 3.2mm (0.13 inches) tempered glass with AR coating
- Frame: Anodized aluminum alloy
- Junction box: IP68, 3 diodes
- Cable: 4mm² (IEC), 12AWG(UL) 300mm in length or customized length
- Connector: T01/LIQ-3-CSY/MC4/MC4-EV02

**Application Conditions**

- Maximum System Voltage: 1000V/1500V/DC
- Operating Temperature: -40°C ~ +85°C
- Maximum Series Fuse: 30A
- Safety Protection Class: Class II
- Mechanical Load: Front side 5400Pa, Back side 2400Pa
- Refer. Bifaciality Factor: 70%/+5%/-10%

*Specifications in this datasheet are subject to change without prior notice.*