**Mono**

350W MBB Bifacial Mono PERC Half-cell Double Glass Module

**JAM60D10 330-350/MB Series**

**Introduction**

Assembled with MBB bifacial PERCium cells and half-cell configuration, these double glass modules have the capability of converting the incident light from the rear side together with the front side into electricity, providing higher output power, lower temperature coefficient, less shading loss, as well as enhanced tolerance for mechanical loading.

- **Higher output power**
- **More reliable, more stable power generation**
- **Less shading effect**
- **Lower temperature coefficient**

**Superior Warranty**

- 12-year product warranty
- 30-year linear power output warranty

![Graph showing 0.5% Annual Degradation Over 30 years]

**Comprehensive Certificates**

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval

www.jasolar.com

Specifications subject to technical changes and tests.
JA Solar reserves the right of final interpretation.
**MECHANICAL DIAGRAMS**

**SPECIFICATIONS**
- **Cell**: Mono
- **Weight**: 22.0kg±3%
- **Dimensions**: 1711±2mm×1005±2mm×30±1mm
- **Cable Cross Section Size**: 4mm²
- **No. of cells**: 120 (6×20)
- **Junction Box**: IP68, 3 diodes
- **Connector**: QC 4.10-35
- **Cable Length**: Portrait: 300mm (+) / 400mm (-); Landscape: 1000mm (+) / 1000mm (-)
- **Packaging Configuration**: 34 Per Pallet
- **Front Glass/Back Glass**: 2.0mm/2.0mm

---

**ELECTRICAL PARAMETERS AT STC**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>JAM60D10-330/MB</th>
<th>JAM60D10-335/MB</th>
<th>JAM60D10-340/MB</th>
<th>JAM60D10-345/MB</th>
<th>JAM60D10-350/MB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Maximum Power (Pmax) [W]</td>
<td>330</td>
<td>335</td>
<td>340</td>
<td>345</td>
<td>350</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) [V]</td>
<td>41.10</td>
<td>41.38</td>
<td>41.55</td>
<td>41.92</td>
<td>42.20</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp) [V]</td>
<td>34.82</td>
<td>35.08</td>
<td>35.35</td>
<td>35.57</td>
<td>35.79</td>
</tr>
<tr>
<td>Short Circuit Current (Isc) [A]</td>
<td>10.10</td>
<td>10.17</td>
<td>10.25</td>
<td>10.33</td>
<td>10.40</td>
</tr>
<tr>
<td>Module Efficiency [%]</td>
<td>19.2</td>
<td>19.5</td>
<td>19.8</td>
<td>20.1</td>
<td>20.4</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0±5W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Isc(αIsc)</td>
<td>+0.04%/°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Voc(β_Voc)</td>
<td>-0.27%/°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Pmax(γ_Pmp)</td>
<td>-0.35%/°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN (REFERENCE TO 340W FRONT)**

- **Backside Power Gain**: 5% 10% 15% 20% 25%
- **Rated Max Power (Pmax) [W]**: 357 374 391 408 425
- **Open Circuit Voltage (Voc) [V]**: 41.65 41.65 41.65 41.75 41.75
- **Max Power Voltage (Vmp) [V]**: 35.36 35.36 35.36 35.45 35.46
- **Short Circuit Current (Isc) [A]**: 10.76 11.28 11.79 12.30 12.81
- **Max Power Current (Imp) [A]**: 10.10 10.58 11.06 11.51 11.99

**OPERATING CONDITIONS**
- **Maximum System Voltage**: 1500V DC (IEC)
- **Operating Temperature**: -40°C to +85°C
- **Maximum Static Fuse**: 20A
- **Maximum Static Load, Front**: 5400Pa
  **Maximum Static Load, Back**: 2400Pa
- **NOCT**: 45±2°C
- **Bifacality***: 70%±10%

---

**CHARACTERISTICS**

- **Current-Voltage Curve**: JAM60D10-340/MB
- **Power-Voltage Curve**: JAM60D10-340/MB
- **Current-Voltage Curve**: JAM60D10-340/MB