REC ALPHα SERIES

380 WP POWER

EXPERIENCE ALPHα PERFORMANCE

SOLAR'S MOST TRUSTED

REC

ELIGIBLE FOR

PRODUCT

REC PROTRUST WARRANTY

25 YEAR PERFORMANCE

PACKAGE

LEAN TO THE LEFT
**GENERAL DATA**

- **Cell type:** 120 half-cut cells with REC heterojunction cell technology. 6 strings of 20 cells in series.
- **Backsheet:** 0.13 in (3.2 mm) solar glass with anti-reflection surface treatment.
- **Frame:** Highly resistant polymeric construction. Anodized aluminum (black).
- **Junction box:** 3-part, 3 bypass diodes, IP67 rated in accordance with IEC 62790.
- **Temperature:** IP67 (Ingress protection).

**Electrical Data**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>RECxxxAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Output - P_{max} (Wp)</td>
<td>360</td>
</tr>
<tr>
<td>Watt Class Sorting (-W)</td>
<td>-0/+5</td>
</tr>
<tr>
<td>Nominal Power Voltage - V_{mpp} (V)</td>
<td>36.7</td>
</tr>
<tr>
<td>Nominal Power Current - I_{mpp} (A)</td>
<td>9.82</td>
</tr>
<tr>
<td>Open Circuit Voltage - V_{oc} (V)</td>
<td>43.9</td>
</tr>
<tr>
<td>Short Circuit Current - I_{sc} (A)</td>
<td>10.49</td>
</tr>
<tr>
<td>Power Density (W/sq ft)</td>
<td>19.15</td>
</tr>
<tr>
<td>Panel Efficiency (%)</td>
<td>20.6</td>
</tr>
</tbody>
</table>

**STC**

- **Power Output - P_{max} (Wp):**
  - 274
  - 278
  - 282
  - 286
  - 289
- **Nominal Power Voltage - V_{mpp} (V):**
  - 34.6
  - 35.0
  - 35.2
  - 35.6
  - 35.9
- **Nominal Power Current - I_{mpp} (A):**
  - 7.93
  - 7.96
  - 8.00
  - 8.03
  - 8.06
- **Open Circuit Voltage - V_{oc} (V):**
  - 41.4
  - 41.5
  - 41.6
  - 41.6
  - 41.7
- **Short Circuit Current - I_{sc} (A):**
  - 8.47
  - 8.50
  - 8.52
  - 8.55
  - 8.57

**WARRANTY**

- **Standard:** Installed by an REC Certified Solar Professional.
- **REC ProTrust:** Installed by an REC Certified Solar Professional.

**CERTIFICATIONS**

- IEC 61215-2016, IEC 61730-2016, UL 1703, UL 61730
- IEC 61701 Salt Mist
- IEC 62716 Ammonia Resistance
- UL 1703 Fire Type Class 2
- IEC 62782 Dynamic Mechanical Load
- IEC 6215-2:2016 Hailstone (35mm)
- AS4040.2 NCC 2016 Cyclic Wind Load

**SUMMARY**

- Founded in Norway in 1996, REC is a leading vertically integrated solar energy company. Through integrated manufacturing from silicon to wafers, cells, high-quality panels and extending to solar solutions, REC provides the world with a reliable source of clean energy.
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