Why U.S. Solar Mounts Solar-Direct Aerators?

- Digital Motor Controller - 3X the system life
- Dramatically increased run hours
- Integrated Low-Frequency Sound Reduction System
- All-Welded Steel Base with Powder Coat Finish
- Pressure loss is minimized, increasing air output
- 100% Factory Testing ensures high quality

Smart | Versatile | Rugged

5-Year Warranty

Applications for Solar Direct Aeration
- Ponds & Lakes
- Fish Farms
- Marinas
- De-Icing
- Livestock Watering
- Weed & Algae Control
- Habitat Management
- Frac Pit Normalizing
- Storm Water
- Golf Courses
- Preppers
- Parks

Aeration Benefits
- Algae Control
- Reduced Mosquito Populations
- Fish Kill Prevention
- Fewer Unpleasant Odors
- Destratification
- Less ‘bottom muck’

Our BLDC family of Solar Lake Aerators provides all the benefits of traditional aeration without the costly batteries, AC wiring, and ongoing expense of grid power.

Even during cloudy conditions, they provide low-maintenance, high-volume Solar Aeration on any site.

Each unit is ruggedly constructed using high-quality, American-Made components with a proven history of durability. Brushless Compressors offer unmatched reliability, providing years of trouble-free operation.

Thoughtfully designed for:
- Quick and easy installation by anyone
- Simple, Plug & Play wiring

3-5 Year Payback
# U.S. Solar Mounts

**SLA-SD-BLDC Specs**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SD2-BLDC / SD4-BLDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar Included</td>
<td>Yes, Standard - Options available</td>
</tr>
<tr>
<td>Racking</td>
<td>Fully Adjustable Top-of-Pole, Options available</td>
</tr>
<tr>
<td>Circuit Protection</td>
<td>Individual Rocker-Style Circuit Breakers</td>
</tr>
<tr>
<td>Compressor Type</td>
<td>High-Efficiency Brushless DC</td>
</tr>
<tr>
<td>Max Flow</td>
<td>2.5 CFM / 5 CFM</td>
</tr>
<tr>
<td>Rated Depth</td>
<td>30’+</td>
</tr>
<tr>
<td>Over-Pressure</td>
<td>Brass Automatic Pressure Relief Valve</td>
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<tr>
<td>Sound Level</td>
<td>&lt;65db @ 6’</td>
</tr>
<tr>
<td>Enclosure Cooling</td>
<td>High-Capacity Active Cooling</td>
</tr>
<tr>
<td>Coverage</td>
<td>Up to 2 Acres / Up to 4 Acres</td>
</tr>
<tr>
<td>Air Intake</td>
<td>Washable &amp; Reusable External Primary Filter</td>
</tr>
<tr>
<td>Connections</td>
<td>2x / 4x External Connection Ports w/ fittings</td>
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<tr>
<td>Enclosure</td>
<td>Fiberglass Reinforced Polyester</td>
</tr>
<tr>
<td>Steel Components</td>
<td>Powder Coated</td>
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<tr>
<td>Warranty</td>
<td>5-Year Standard on all Non-Wearable Parts</td>
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**U.S. Solar Mounts Corp.**

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