

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



Applications for Solar Direct Aeration

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

Aeration Benefits

- Algae Control
- Reduced Mosquito Populations
- Fish Kill Prevention
- Fewer Unpleasant Odors
- De-stratification
- Less 'bottom muck'

Smart

Versatile

Rugged



5-Year Warranty

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

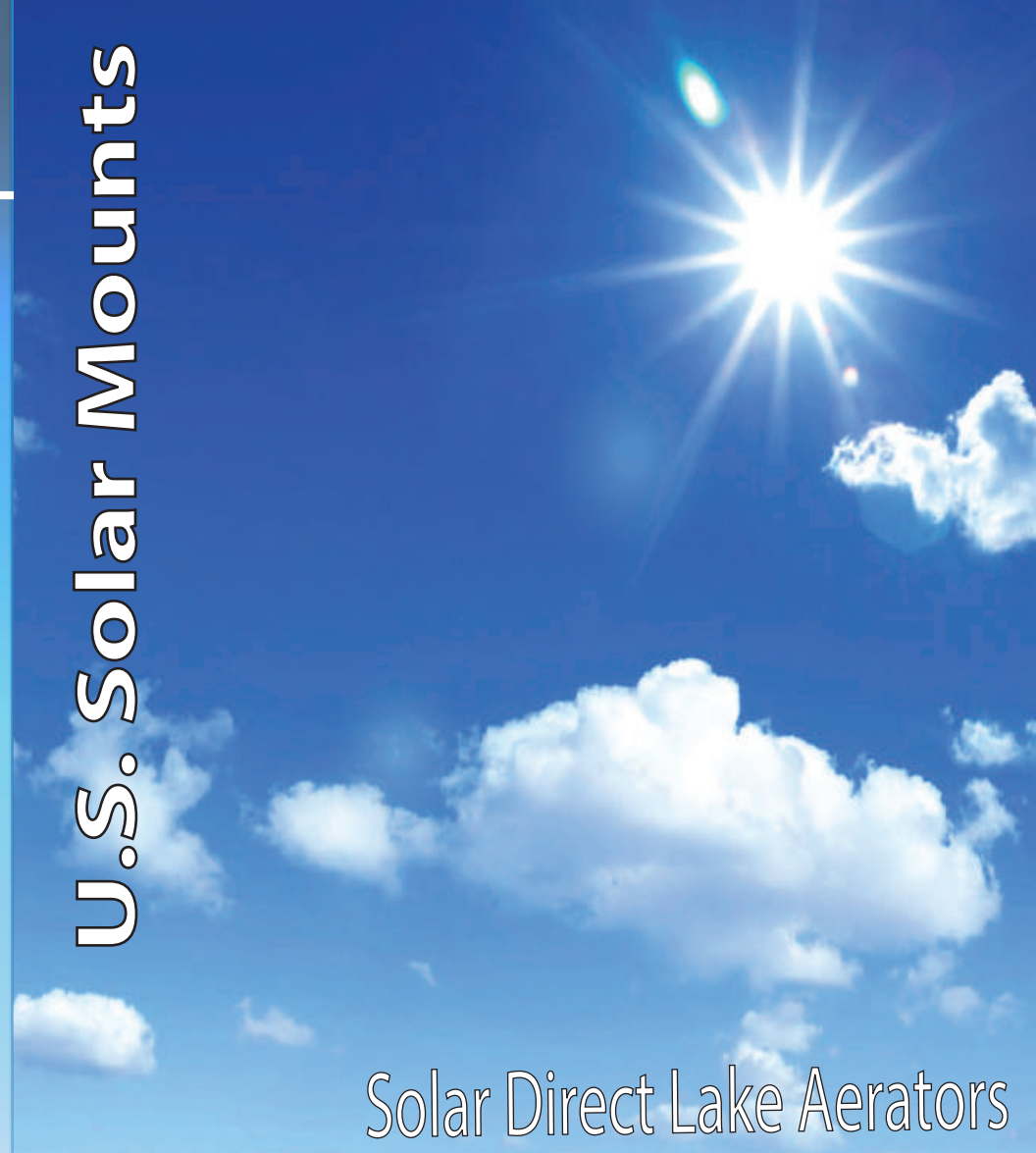




SLA-SD-BLDC Specs

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

U.S. Solar Mounts



Solar Direct Lake Aerators

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WATER
Aeration
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