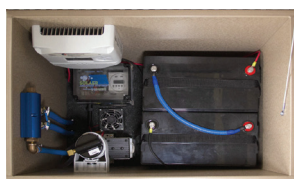




SOLAER SB-1.1

FOR PONDS AND LAKES UP TO 1 ACRE

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-1.1 Cabinet Interior

Product Details

Aeration System	Solaer® 1.1
Item Number	SB-1.1
Maximum Pond Size	Up To 1 Acre
EcoFlow™ 24V Compressor	1
Duraplate™ Diffusers	1
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	1-24 Volt Panel
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	2
Alpine™ ½" Weighted Airline	Not Included
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	1-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

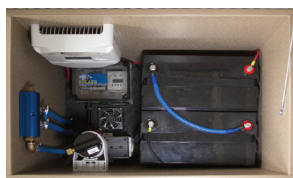
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-1.1+

FOR PONDS AND LAKES UP TO 1 ACRE

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-1.1+ Cabinet Interior

Product Details

Aeration System	Solaer® 1.1+
Item Number	SB-1.1+
Maximum Pond Size	Up To 1 Acre
EcoFlow™ 24V Compressor	1
Duraplate™ Diffusers	1
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	1-24 Volt Panel
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	2
Alpine™ ½" Weighted Airline	1-100 Foot Role
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	1-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

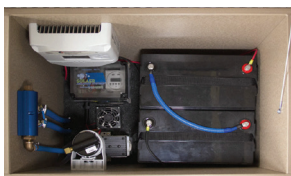
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-1.2

FOR PONDS AND LAKES UP TO 2 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-1.2 Cabinet Interior

Product Details

Aeration System	Solaer® 1.2
Item Number	SB-1.2
Maximum Pond Size	Up To 2 Acres
EcoFlow™ 24V Compressor	1
Duraplate™ Diffusers	2
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	1-24 Volt Panel
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	2
Alpine™ ½" Weighted Airline	Not Included
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	1-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30" x 30" x 3"

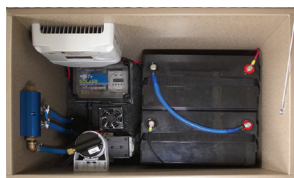
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-1.2+

FOR PONDS AND LAKES UP TO 2 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-1.2+ Cabinet Interior

Product Details

Aeration System	Solaer® 1.2+
Item Number	SB-1.2+
Maximum Pond Size	Up To 2 Acres
EcoFlow™ 24V Compressor	1
Duraplate™ Diffusers	2
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	1-24 Volt Panel
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	2
Alpine™ ½" Weighted Airline	2-100 Foot Roles
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	1-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

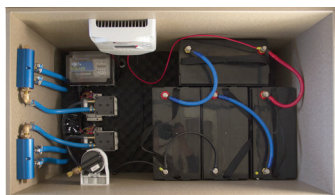
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-2.3

FOR PONDS AND LAKES UP TO 3 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-2.3 Cabinet Interior

Product Details

Aeration System	Solaer® 2.3
Item Number	SB-2.3
Maximum Pond Size	Up To 3 Acres
EcoFlow™ 24V Compressor	2
Duraplate™ Diffusers	3
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	2-24 Volt Panels
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	4
Alpine™ ½" Weighted Airline	Not Included
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	2-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

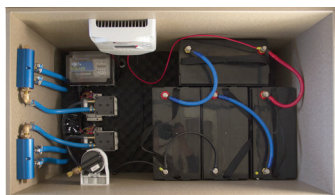
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-2.3+

FOR PONDS AND LAKES UP TO 3 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-2.3+ Cabinet Interior

Product Details

Aeration System	Solaer® 2.3+
Item Number	SB-2.3+
Maximum Pond Size	Up To 3 Acres
EcoFlow™ 24V Compressor	2
Duraplate™ Diffusers	3
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	2-24 Volt Panels
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	4
Alpine™ ½" Weighted Airline	2-300 Foot Rolls
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	2-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

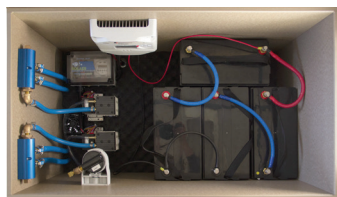
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-2.4

FOR PONDS AND LAKES UP TO 4 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solae® SB-2.4 Cabinet Interior

Product Details

Aeration System	Solae® 2.4
Item Number	SB-2.4
Maximum Pond Size	Up To 4 Acres
EcoFlow™ 24V Compressor	2
Duraplate™ Diffusers	4
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	2-24 Volt Panels
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	4
Alpine™ ½" Weighted Airline	Not Included
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	2-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ ½" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

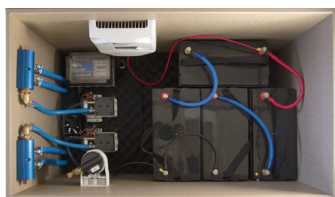
*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



SOLAER SB-2.4+

FOR PONDS AND LAKES UP TO 4 ACRES

- Aerates Ponds/Lakes Where No Electricity Is Available
- Average 20 Hours Of Run Time Day And Night
- Battery Back-Up For Cloudy Conditions
- Improves Water Clarity & Quality
- Oxygenates Entire Water Column



Solaer® SB-2.4+ Cabinet Interior

Product Details

Aeration System	Solaer® 2.4+
Item Number	SB-2.4+
Maximum Pond Size	Up To 4 Acres
EcoFlow™ 24V Compressor	2
Duraplate™ Diffusers	4
Maximum Diffuser Depth	25 Feet
EcoFlow™ Compressor	48 Watts
Solar Panel w/Mounting Bracket	2-24 Volt Panels
Max CFM	Up To 2.0
12V Deep Cycle AGM 115 AH Batteries	4
Alpine™ 1/2" Weighted Airline	4 - 100 Rolls
*2" Schedule 40 Mounting Pole (Required)	Not Included
Programmable Timer	1
Manifold	2-2 Port
Cooling Fan	1
Level-Aer™ Equipment Pad (Suggested)	Not Included
Decibels/Operational Sound	50/60 DB

Warranties

Complete Product Warranty	2 Years
EcoFlow™ 24V Compressor	2 Years
Alpine™ 1/2" Weighted Airline Warranty	Lifetime
Cabinet Warranty	2 Years
Duraplate™ Diffuser	Lifetime

Product Dimensions/Measurement

Cabinet	28" x 20" x 24"
Alpine™ 1/2" Weighted Airline	1/2" ID x 1" OD
Level-Aer™ Equipment Pad	30"x 30"x 3"

*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snow fall. Dig 9"-12" in diameter hole with post hole digger. Secure pipe vertically in the ground with concrete; make sure it is plumb in all directions. Allow concrete to cure for 24 hours before mounting solar panel.



PROLAKE

Lithium Ion Battery

FOR SOLAER®
AERATION SYSTEMS

ProLake™ has been at the forefront of solar powered aeration for over 20 years. With three US patents and thousands of happy customers, we are proud to introduce the next evolution of our Solaer Aeration System with Lithium Ion Battery technology.

A first for the lake management industry, lithium ion gives you more capacity in cloudy conditions and longer run times.

What Is a Lithium Battery?

Lithium Ion Batteries are deep-cycle batteries, meaning they discharge most of their capacity over extended periods of time. Unlike standard deep-cycle batteries, lithium ion is more efficient at maintaining power output with minimal loss of charge. Lithium delivers a superior efficiency in energy production, coupled with a remarkable ability to replenish energy swiftly and persistently, surpassing the capabilities of traditional batteries. Additionally, they retain a significantly prolonged storage capacity.

ProLake's state-of-the-art battery management system (BMS) regulates the amount of power you can take out of the battery, ensuring that the cells are always in balance and maintains the quality and efficiency of the battery pack.



Charge 5x faster
than traditional
batteries



Run your system
24 hours a day



100% discharge
of power



Lighter weight
than traditional
batteries



Longer lifespan
with 3000-5000 cycles



10-year
battery warranty

Why does the Lithium Ion battery cost more?

The technology in the li-ion battery is much more advanced and allows you to deliver 2x-3x more power. It is also lighter than other battery alternatives and charges faster. ProLake has also increased the run time from 20 hours to a full 24 hours.

How to upgrade your battery

Lithium Ion is available as an upgrade to any Solaer system. If you would like to upgrade your current system, please give us a call, Monday through Friday, 8 AM to 5 PM MST.

PROLAKE.COM | (800) 493-4831

    PROLAKEUSA





**SOLAER 2.0
INTERIOR**



SKU NO.	Solaer 1.0
40.4005	Solaer 1.0 Cabinet with Lithium Ion
SBLI-1.1	Solaer 1.0 System with Lithium Ion + 1 Duraplate™ Diffuser
SBLI-1.1+	Solaer 1.0 System with Lithium Ion + 1 Duraplate Diffuser + 100' Alpine™ Tubing
SBLI-1.2	Solaer 1.0 System with Lithium Ion + 2 Duraplate Diffusers
SBLI-1.2+	Solaer 1.0 System with Lithium Ion + 2 Duraplate Diffusers + 200' Alpine Tubing

Solaer 1.0 Product Details

Max pond size	1 diffuser: up to 1 acre; 2 diffusers: up to 2 acres
EcoFlow™ 24V Compressor	(1)
Maximum diffuser depth	25 feet
EcoFlow Compressor	48 watts
Solar Panel with Mounting Bracket	(1) 24 volt panel
Max CFM	up to 2.0
Schedule 40 mounting pole* (required)	not included
Programmable Timer	(1)
Manifold	(1) 2-valve
Cooling Fan	(1)
Level-Aer™ Equipment Pad (suggested)	not included
Decibels/operational sound	50/60 DB

Warranties

Complete product warranty	2 years
Lithium Ion Battery	10 years
115V or 230V Compressor	2 years
Alpine ½" Weighted Tubing	lifetime
Cabinet	2 years
Duraplate Diffuser	lifetime

Product Dimensions

Cabinet	28" x 20" x 24"
Alpine ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer Equipment Pad	30" x 30" x 3"

SKU NO.	Solaer 2.0
40.4105	Solaer 2.0 Cabinet with Lithium Ion
SBLI-2.3	Solaer 2.0 System with Lithium Ion + 3 Duraplate Diffusers
SBLI-2.3+	Solaer 2.0 System with Lithium Ion + 3 Duraplate Diffusers + 300' Alpine Tubing
SBLI-2.4	Solaer 2.0 System with Lithium Ion + 4 Duraplate Diffusers
SBLI-2.4+	Solaer 2.0 System with Lithium Ion + 4 Duraplate Diffusers + 400' Alpine Tubing

Solaer 2.0 Product Details

Max pond size	3 diffusers: up to 3 acres; 4 diffusers: up to 4 acres
EcoFlow 24V Compressor	(2)
Maximum diffuser depth	25 feet
EcoFlow Compressor	48 watts
Solar Panel with Mounting Bracket	(2) 24 volt panels
Max CFM	up to 2.0
Schedule 40 mounting pole* (required)	not included
Programmable Timer	(1)
Manifold	(2) 2-valve
Cooling Fan	(1)
Level-Aer Equipment Pad (suggested)	not included
Decibels/operational sound	50/60 DB

Warranties

Complete product warranty	2 years
Lithium Ion Battery	10 years
115V or 230V Compressor	2 years
Alpine ½" Weighted Tubing	lifetime
Cabinet	2 years
Duraplate Diffuser	lifetime

Product Dimensions

Cabinet	40" x 24" x 24"
Alpine ½" Weighted Airline	1/2" ID x 1" OD
Level-Aer Equipment Pad	42" x 30" x 3"

*Purchase (at least) an 8' long Schedule 40 steel pipe in the appropriate diameter for your system. Refer to top pole mount instructions. Longer pipe may be required in areas with very heavy snowfall. See Solar Aeration Owner's Manual for installation instructions.