

Solar Edge Systems by Eco Pond Rescue are self contained floating aeration and circulation systems for ponds, lakes and lagoons providing horizontal and vertical circulation with aeration of the water body through a patented venturie design. Can be outfitted with battery power for night operation.

	<b>Description</b>	<b>EPR 1000</b>	<b>EPR 2000</b>	<b>EPR 4000</b>
<b>Circulation Flow Rates</b>	Water flow rates are calculated by actual water pumped. Affected rates or inertial rates of Water flow are not considered.	2000 GPH	4000 GPH	8000 GPH
<b>Aeration</b>	Water is aerated via a patented venturie design that provides 2 CFM per venturie with a 2.2 transfer rate.	2 CFM	4 CFM	8 CFM
<b>Combined Water/Air Pumping Rate</b>	Water and air pumped combined make a powerful and efficient aeration and circulation system.	2894 GPH	5788 GPH	11576 GPH
<b>Float System</b>	PVC floats with aluminum panel frames, stainless steel banding and screws with UV protected marine starboard decks.	48" x 36" x 36"	64" x 40" x 28"	64" x 64 " x 36"
<b>Solar Panels</b>	All modules are constructed using a tempered glass front and a PVF backing to provide maximum protection from the most severe environmental conditions.	80 Watt 12 volt	135 Watt 12 volt	270 Watt 12 volt
<b>Pump System</b>	Independent DC motors able to generate up to 2000 GPH water circulation each. Easy interchangeable motors for maintenance and repair.	1	2	4
<b>Pump Deck</b>	Made of UV resistant starboard secured with stainless steel screws and banding. All equipped with stainless steel PAM log holders and floating plant mat connections.			
<b>Intake System</b>	Adjustable depth and direction flexible PVC intake with individual intake tubes with filters.	1	2	4
<b>Anchoring</b>	Can be anchored by cable or rod through provided aluminum panel frame.	2	2	4
<b>Wiring</b>	Weatherproof connections and junction boxes. Low voltage systems. Non corrosive.			
<b>Battery System</b>	Optional battery system to utilize excess energy for night time operation.	Non lead	Non lead	Non lead
<b>Weight</b>	Easy to move and manipulate.	55 lbs	85 lbs	150 lbs
<b>Pricing</b>	<b>Plus tax and shipping If applicable</b>	<b>\$2120.00</b>	<b>\$3020.00</b>	<b>\$4406.60</b>
<b>Warranty</b>	25 year solar panel warranty through Kyocera.			
<b>Wildlife Concerns</b>	Will not harm or ingest fish or turtles. Bird "ticklers" mounted on panels to keep panels clear.			