

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.

	Description	EPR 1000	EPR 2000	EPR 4000
Circulation Flow Rates	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
Aeration	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
Combined Water/Air Pumping Rate	Water and air pumped combined make a powerful and efficient aeration and circulation system.	2894 GPH	5788 GPH	11576 GPH
Float System	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"
Solar Panels	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
Pump System	Independent DC motors able to generate up to 2000 GPH water circulation each. Easy interchangeable motors for maintenance and repair.	1	2	4
Pump Deck	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.			
Intake System	Adjustable depth and direction 2" PVC intake with 4" HDPE intake tube.	1	2	4
Anchoring	Can be anchored by cable or rod through provided aluminum panel frame.	2	2	4
Wiring	Weatherproof connections and junction boxes. Low voltage systems. Non corrosive.			
Battery System	Optional battery system to utilize excess energy for night time operation.	Non lead	Non lead	Non lead
Weight	Easy to move and manipulate.	55 lbs	85 lbs	150 lbs
Pricing	Plus tax and shipping If applicable	\$2470.00	\$3020.00	\$4406.60
Warranty	25 year solar panel warranty through Kyocera.			
Wildlife Concerns	Will not harm or ingest fish or turtles. Bird "ticklers" mounted on panels to keep panels clear.			