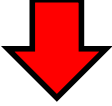


DC-SOLAR BOAT LIFT

SOLAR SIZING CHART



* Based on 3-4 min Operation Time		Boat Lift Size			
Type of User 	# of Lifts PER 7-DAY WEEK	4,000 lbs BOAT LIFT	6,000 lbs BOAT LIFT	8,000 lbs BOAT LIFT	10,000 lbs BOAT LIFT
Weekend Only Use	3 to 5 Lifts per Week	20w-24v Charging	20w-24v Charging	20w-24v Charging	30w-24v Charging
Weekend + Some Weekday Use	5-8 Lifts per week	20w-24v Charging	20w-24v Charging	30w-24v Charging	30w-24v Charging
Daily Use	8+ Lifts per week	20w-24v Charging	30w-24v Charging	40w-24v Charging	40w-24v Charging

How many times will the batteries lift the boat?

- 10-16 lifts with fully charged batteries depending on the size of the boat, boat lift, and more importantly the actual run time the blower motor operates to fully lift the boat.
- Using the above sizing chart will help ensure your system is replacing more energy than it uses on a weekly basis. This will result in the batteries always being fully recharged.
- **Using more power than what is replaced on a weekly basis will “eventually” result in dead batteries.*

Time of operation – (motor run time)

- The sizing chart is based on the average 3-4min run time which is adequate for most boat lifts.
- Shorter run times use less power & can be paired with smaller solar chargers.
- Longer run times use more power & should be paired with larger solar chargers.

Should I get a larger than needed solar charger? – will it damage my batteries?

- There is NO risk to oversizing. It never hurts to go larger! The batteries will simply recharge faster.
- The integrated solar charge regulator will prevent overcharging the batteries.

Notes & Considerations:

- Consider & plan for vacations & holidays when you may operate your boat lift more than normal.
- Mount the solar charger in direct sunlight at 30-45 degrees facing the most southward direction

All boats and boat lifts are different, there are numerous factors and variables to consider when sizing the solar charger. The above sizing chart is a general recommendation only.