



LAKE LITE INC  
 105 W. Simon St  
 Laotto, IN 46763  
 Ph: 260-918-2758  
 Fx: 260-918-3540  
 www.lakelite.com

# BOAT LIFT SOLAR CHARGING SYSTEM SIZING CHART

		BOAT LIFT SIZES						
<b>IMPORTANT</b>								
Type of User	# of Lift Cycles PER 7-DAY WEEK	2000 lbs	3000 lbs	4000 lbs	5000 lbs	6000 lbs	7000 lbs	8000 lbs
Weekend Only Use	2 to 4 Lift Cycles/Week	10w-12v	10w-12v	10w-12v	15w-12v	20w-12v 20w-24v	20w-12v 20w-24v	20w-12v 20w-24v
Weekend & Slight Weekday Use	3 to 5 Lift Cycles/Week	10w-12v	10w-12v	15w-12v	20w-12v 20w-24v	20w-12v 20w-24v	30w-12v 30w-24v	30w-12v 30w-24v
Daily Use	5 to 7 Lift Cycles/Week	10w-12v	10w-12v 15w-12v	20w-12v 20w-24v	20w-12v 20w-24v 30w-12v 30w-24v	30w-12v 30w-24v	30w-12v 30w-24v 40w-12v 40w-24v	30w-12v 30w-24v 40w-12v 40w-24v
Heavy Use	8 to 10 Lift Cycles/Week	15w-12v	15w-12v 20w-12v 20w-24v	20w-12v 20w-24v	30w-12v 30w-24v	30w-12v 30w-24v 40w-12v	40w-12v 40w-24v	40w-12v 40w-24v

## Whats the Difference of 12v or 24v ?

<b>12v</b>	Requires ONE 12v Battery	Normal Lifting Speeds	Slightly Lower Cost
<b>24v</b>	Requires TWO 12v Batteries	2X Faster Lifting Speeds	Slightly Higher Cost

**\* NOTE some Boat Lift motors or Hydraulic systems can only run on 12v, Some may be able to run on 12v or 24v. Please check with your boat lift motor or hydraulic system manufacturer.**

**NOTE:** There are numerous factors in making your decision. Please consider and plan for worst case scenarios such as extended periods of time where you will use your boat lift more than normal such as on vacations, holidays, etc...

Please consider ,and add your total weight variables such as: ( Dry Boat Weight + Gas Weight + Gear Weight + Persons in the boat while the lift is operating). More weight means more power being used by the motor which in turn requires larger solar power to replace that power to the battery or batteries.