



SolaSkimmer™

Owners' Manual



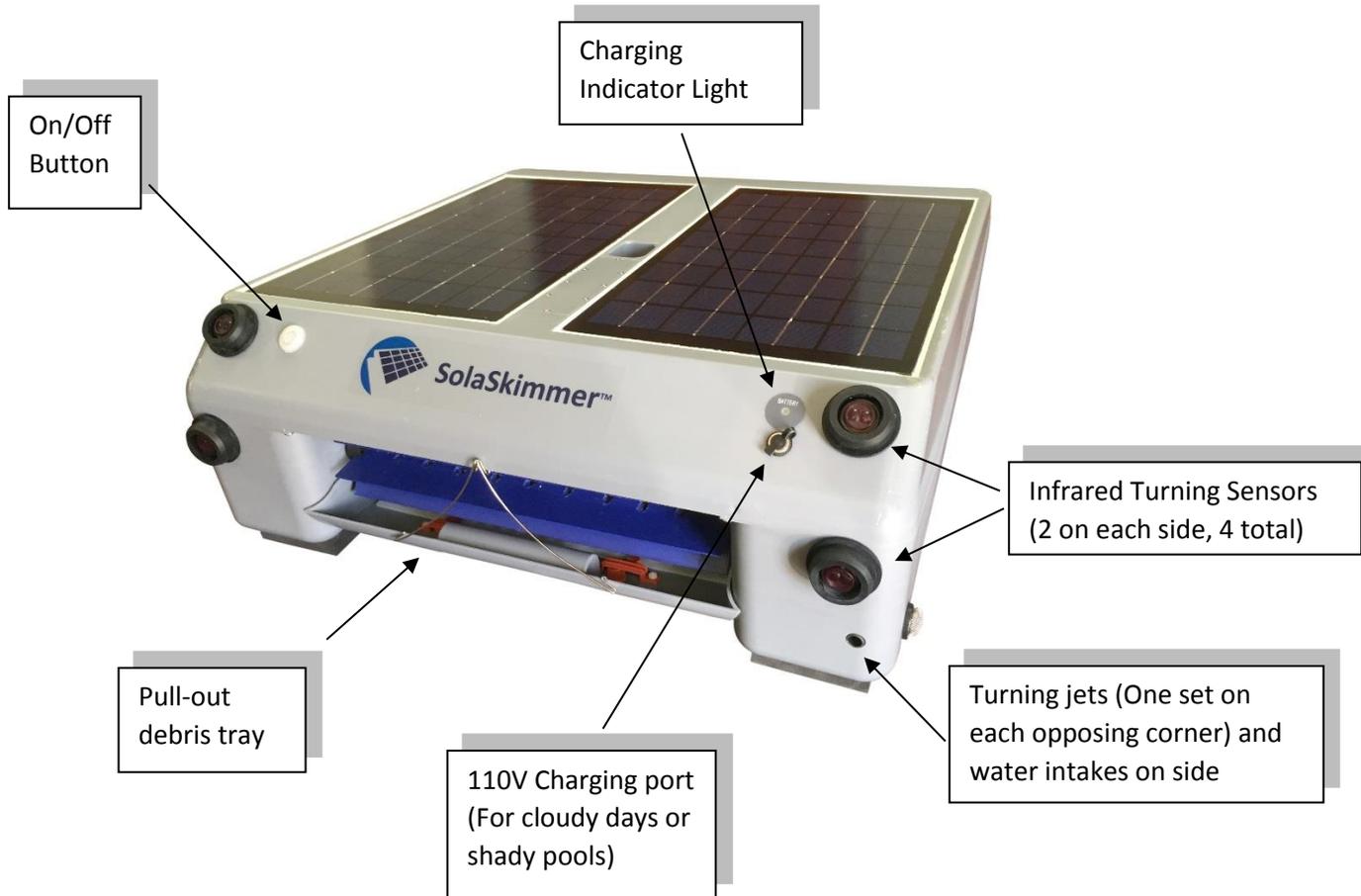
Email Support@RemingtonSolar.com 24/7

Or call 214-862-1055 between 9am – 5pm CST Monday through Friday



Quick Start:

1. Start by fully charging your SolaSkimmer. It will take about 4-6 hours using a wall charger, or 5-6 hours under the full sun.



2. Make sure the debris tray is secure. Place your SolaSkimmer into your pool, press the on/off start button on the left to start the unit.

NOTE: SolaSkimmer is designed to slowly travel on your pool surface picking up debris. It is best if you do NOT have a pool sweep with floating tubes on your pool surface while SolaSkimmer is operating. You can use SolaSkimmer while your pool pump is operating, however it may drift to your pool skimmers if the current is strong. While this will not hurt your SolaSkimmer, it may simply not be as effective at picking up debris.

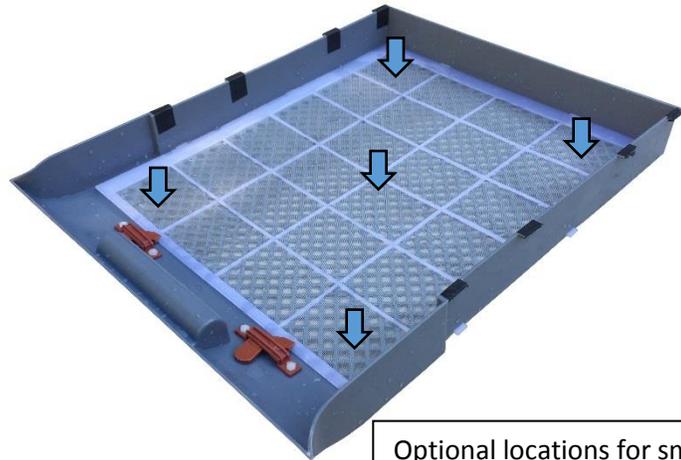
The paddle wheels on your SolaSkimmer will power your unit in a random direction over your pool surface. If a strong breeze moves your SolaSkimmer to one end of your pool, chances are most of the surface debris will be in that area as well. Your SolaSkimmer will then be able to concentrate its cleaning function in that area.

(NOTE: SolaSkimmer is also designed to take on water within the pontoons. This extra mass will allow SolaSkimmer to continue its forward momentum on your pool surface. We recommend you may occasionally turn the unit on its end to drain the water.

SolaSkimmer does NOT have to be in your pool 24/7 to be effective. It is designed to gather most of the floating debris in your swimming pool before it has a chance to sink and promote algae growth. Your SolaSkimmer filter will trap most of these small particles.

Tray and Filter Insert

The tray is designed to catch large and small floating debris. The micro-filter insert is designed to catch the smallest debris. The micro-filter can be easily replaced. However, we recommend using small zip-ties to hold the micro-filter in place. **NOTE: Keep the micro-filter out of the heat and direct sun as it will warp. Putting four very small zip ties near the corners (go all the way through the tray) will help to keep the micro-filter from deforming.**



Optional locations for small zip ties ↓

Removing the Debris Tray

Removing the debris tray is simple. The easiest way is to tilt the entire SolaSkimmer up on its end with the front of the tray facing up. (Fig. A) Line up the tabs to fit into the open slots. (Fig. B) This will be about 1 inch from the locked position. Flatten the tray into the slots, then gently slide the tray so the tabs lock into the slot. (Fig. C)



Fig. A



Fig. B



Fig. C



Charging your SolaSkimmer

SolaSkimmer comes with a 110V charger. Simply plug in the charger to the front charging port. A full charge typically takes 4-6 hours.

SolaSkimmer can be charged either by your 110V outlet, or the sun. In a shady pool (or cloudy day), the battery will typically last 5 to 6 hours per charge. However, in a sunny pool, your SolaSkimmer will run all day.



Fully Charged +90%
Steady green
50%+ Charged
Flashing green



Needs Charging <50%
Flashing red
Low Battery <25%
Steady red

IMPORTANT

On at Dawn, Off at Dusk

SolaSkimmer is designed to turn on at dawn and automatically shut down at dusk, even when fully charged and the control button is in “On” position. We do this so that it will not run at night and be completely drained of power in the morning. However, it may take until mid-morning for your SolaSkimmer to charge up enough to start working. Just make sure it’s in the sun. You may have to charge your SolaSkimmer using the 110V charger, but that will typically be on overcast days, or after a lot of use, or if it’s in a shady pool.



Troubleshooting

Turning seems to be weak or slow

Make sure the water jet intakes are clear. Use a toothpick to clean out any debris stuck on the round intake filter screens.

Battery does not seem to last long

The unit will run down more quickly if the turning jets are on constantly. If your pool is shaded, depend on how long/often you desire to use your skimmer, you will either have to charge it using the enclosed charger, or, park it on a sunny spot. **Remove your SolaSkimmer during freezing temperatures to prolong battery life.**

Micro-filter is getting bent or deformed

We suggest putting small zip-ties near the four corners of your micro-filter. Go all the way through the tray. (You can also use bread ties). However, you should keep these out of the sun and extreme heat. Putting your SolaSkimmer directly on your hot pool deck can also cause deformation. Micro-filters and replacement parts can be purchased at RemingtonSolar.com.

Getting Stuck

It is possible for SolaSkimmer to stop moving when it comes in contact to an obstacle. If one of the four sensors cannot detect an object (such as an open pool skimmer intake), then the SolaSkimmer may be stationary for a while. The **5-minute auto turn feature** will eventually release your SolaSkimmer from “stuck” positions throughout your pool. Be patient, and typically SolaSkimmer will work itself out.

Also, typically a breeze, water currents, or a little water movement will move the unit and it will continue. Remember, SolaSkimmer is a great tool, but it cannot always get every bit of debris or negotiate every obstacle. (Remember, even a pool sweep cannot get every bit of debris either, but it is also a great tool.)

Important: if your SolaSkimmer is running a bit slowly at the end of the day, especially without direct sunlight, then the turning jets may run a bit weak. Be sure to check the water intake on the sides with a toothpick or pointed object remove in small debris as this will inhibit the turning power of your SolaSkimmer. If you know your SolaSkimmer is fully charged, and it doesn't seem to be turning strongly, be sure to check the water intakes as they may be clogged with small debris.

Usage Tips

SolaSkimmer Vs. Your Pool Sweep

SolaSkimmer will actually keep you from having to run your pool pump and pool sweep as often. If you will allow SolaSkimmer to pick up the surface material before it sinks, you do not need to run your pool sweep nearly as much.

We recommend running your pump and pool sweep at night, and your SolaSkimmer during the day. You may want to run SolaSkimmer just a couple of days a week, and run your pool sweep a couple of



days a week. You can weight down the pool sweep hoses with diver weights, but it may affect your pool sweep performance.

However, SolaSkimmer has an auto-turn feature designed to help keep your SolaSkimmer from getting stuck in floating hoses or other obstacles. You may notice your SolaSkimmer turning at “random” times. Every 5 minutes, SolaSkimmer will automatically activate the turning jets just in case it finds itself stuck in some part of your pool.

Emptying the debris tray

Use caution when removing debris tray. Be sure to keep your SolaSkimmer flat when removing debris tray. Slide it out carefully releasing the tabs. **Turn the tray upside down (over a grassy or garden area) and tap the tray.** The debris will drop out. Then replace the tray and make sure it is secure.

Be Patient

SolaSkimmer will move slowly through your pool. It has been designed to eventually cover most of your pool surface area. There may be edges or hard-to-reach areas that SolaSkimmer simply can't reach, however, over time, SolaSkimmer will pick up the vast majority of debris (including very small particles) before it has a chance to sink. SolaSkimmer will keep your pool water much cleaner by reducing the food for green algae. When combined with the Chlorine-Free Sun Shock Ionizer, you may be able to reduce your chlorine usage by over 85%. (Available at RemingtonSolar.com) Wind may push your SolaSkimmer to various parts of your pool, however this is by design since most of your floating debris will be in that area. Water in the unit is normal. While SolaSkimmer moves slowly, it's mass (weight) will keep it moving through your pool. If the sensors do not sense an obstacle, then it may not turn. SolaSkimmer will eventually turn and move to another location.

Care and Maintenance

We recommend that you use your SolaSkimmer as a “tool” and let it do it's job for a day or two, then remove it from your pool until needed again. You may leave it in your pool, but it's best to let it dry out every now and then. Even moisture in the control panels can be detrimental over time, so just pull it out and leave it in the sun after a couple of days of work.

SolaSkimmer uses a lithium ion battery. **It is important to charge it periodically. During winter months, keep your SolaSkimmer in your garage or place where it does not freeze.** On warmer days, you can certainly use SolaSkimmer.

You can purchase replacement batteries at RemingtonSolar.com.

Customer Service

If you have questions, do not hesitate to contact us. We love helping customers!

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