

MODEL: SLP103E (NEW)  
**SOLAR PUMP SOD250**  
**ASSEMBLY INSTRUCTIONS**  
READ AND SAVE THESE INSTRUCTIONS

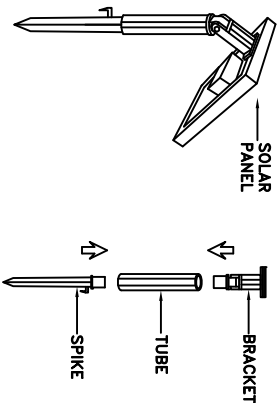
**UNPACK THE PACKAGE**  
 YOU SHOULD HAVE RECEIVED LISTED PARTS:

1PC PUMP WITH 5M CABLE,  
 1PC LED LIGHT RING WITH 5M CABLE,  
 1SET FOUNTAIN NOZZLES,

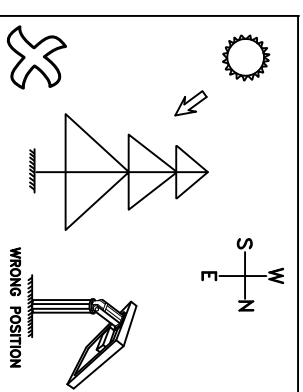
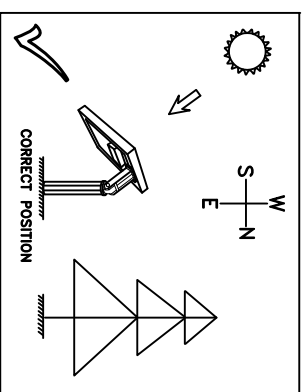
1PC SOLAR PANEL WITH BATTERY,  
 1PC SOLAR PANEL BRACKET,  
 1PC EXTENSION TUBE,  
 1PC GROUND SPIKE,

TO PROTECT THE PRODUCT, PLACE ALL PARTS  
 ON A SOFT SURFACE BEFORE ASSEMBLY.

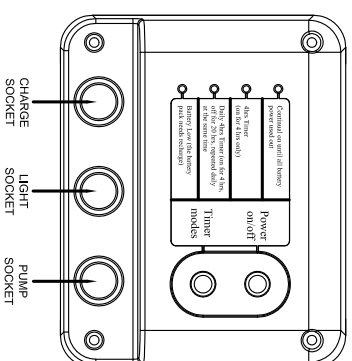
1. JOIN THE BRACKET, TUBES AND  
 SPIKE TOGETHER AND THEN ATTACH THE  
 SOLAR PANEL TO THE BRACKET. SLIDE THE  
 HOLDING BRACKET INTO THE INSIDE LIP OF  
 THE TOP HALF OF THE SOLAR PANEL  
 FRAME. THE HOLDING BRACKET HOLDS THE  
 WEIGHT OF THE SOLAR PANEL. THE  
 DIRECTION TOWARDS THE SUNLIGHT CAN  
 BE ADJUSTED WITH THE WINGNUT. SEE  
 DIAGRAM.



2. INSERT THE SPIKE INTO THE GROUND.  
 POSITION THE SOLAR PANEL TO FACE  
 SOUTH (In Northern Hemisphere) AS  
 MUCH AS POSSIBLE TO MAKE THE MOST  
 OF THE DAYLIGHT HOURS. IT IS IMPORTANT  
 TO ANGLE THE SOLAR PANEL TO FACE  
 SUN WHEN SUN IS AT ITS HIGHEST POINT.  
 ENSURE THE SOLAR PANEL IS NOT  
 SHADED BY TREES, SHRUBS OR BUILDINGS.



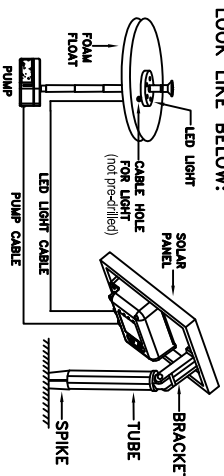
3. CONNECT THE PUMP, LED LIGHT WITH THE  
 SOLAR PANEL (CHARGER SOLD SEPARATELY).



**IMPORTANT!**  
 SLIGHTLY TWIST THE CONNECTORS WHEN PUSHING.  
 MAKE SURE THEIR RUBBER SEALS FULLY IN GROOVES

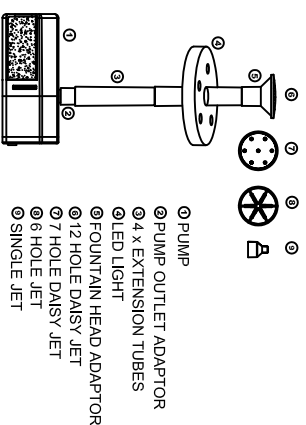
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4. THE ASSEMBLED SOLAR PUMP KIT SHOULD  
 LOOK LIKE BELOW:

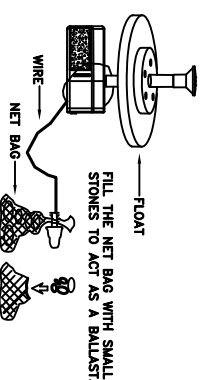


**HOW TO ASSEMBLE THE PUMP AND SPRAY  
 PARTS FOR THE POND FOUNTAIN**

PLACE THE PUMP IN THE POND OR RESERVOIR.  
 MAKE SURE THERE IS ENOUGH WATER IN THE  
 POND OR RESERVOIR. THE PUMP NEED TO BE  
 FULLY IMMERSERD IN WATER. THE PUMP CAN BE  
 PLACED UNDER WATER OR FLOAT ON THE  
 WATER SURFACE. YOUR CHOICE WILL DEPEND  
 ON THE WATER DEPTH AND TYPE OF RESERVOIR  
 USED. IF THE WATER DEPTH IS SHALLOW WE  
 SUGGEST THE UNDER WATER ASSEMBLY, FOR  
 DEEPER PONDS OR RESERVOIRS YOU WILL NEED  
 TO USE THE FLOATING ASSEMBLY.



**DEEP WATER ASSEMBLY**



5. OPERATION

NOTE: THE LED LIGHT IS DESIGNED TO WORK  
 AT NIGHT TIME ONLY.

Continual on Mode: PRESS [Power on/off]  
 BUTTON, THE TOP INDICATOR LIGHT [Continual  
 on] WILL BE ON – THE PUMP WILL RUN  
 CONTINUOUSLY UNTIL THE BATTERY RUNS OUT  
 OF ALL POWER. THE PUMP WILL AUTOMATICALLY  
 RESTART UP WHEN THE BATTERY IS RECHARGED  
 UNDER GOOD ENOUGH SUN LIGHT.

4hrs Timer Mode: PRESS [Timer modes]  
 BUTTON REPEATEDLY UNTIL THE SECOND  
 INDICATOR LIGHT [4hrs Timer] LIT – THE PUMP  
 WILL RUN FOR 4 HOURS AND STOP. THE PUMP  
 WILL NOT START UP AGAIN BY ITSELF UNTIL  
 YOU RE-OPEN IT MANUALLY.

Daily 4hrs Timer Mode: PRESS [Timer modes]  
 BUTTON REPEATEDLY UNTIL THE THIRD  
 INDICATOR LIGHT [Daily 4hrs Timer] LIT – THE  
 PUMP WILL RUN FOR 4 HOURS AND SHUT  
 DOWN (IN STANDBY) FOR 20 HOURS, AND THIS  
 TIMING SET WILL BE REPEATED DAILY AT THE  
 SAME TIME. YOU CAN RESET THE PUMP'S DAILY  
 START UP TIME BY SWITCHING ON IT AT A NEW  
 DESIRED TIME AT THIS MODE. NOTE: THE THIRD  
 INDICATOR LIGHT WILL BE BLINKING SLOWLY  
 WHEN THE PUMP RUNS OUT OF 4 HOURS TIME  
 AND BE IN STANDBY IN DAYTIME. IN ORDER TO  
 SAVE THE BATTERY POWER, THE INDICATOR  
 LIGHT WILL BE OFF AFTER DAY GOES DARK BUT  
 YOU CAN ACTIVATE THE INDICATOR LIGHT AND  
 CHECK ITS STATUS WITH A SINGLE PUSH OF  
 EITHER BUTTON, THE INDICATOR LIGHT WILL BE  
 ON FOR A WHILE AND SHUT OFF AGAIN.

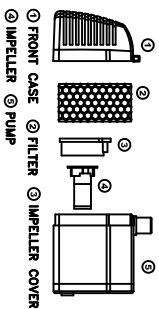
[Battery Low] RED INDICATOR LIGHT BLINKING  
 ON – THAT MEANS THE BATTERY POWER IS  
 LOW. THE PUMP WILL STOP SHORTLY FOR  
 PROTECTING THE BATTERY. THE RED INDICATOR  
 LIGHT WILL BE OFF AFTER THE SOLAR PANEL  
 RECEIVES GOOD SUN LIGHT AND THE BATTERY  
 HAS BE RECHARGED.

PLEASE NOTE THAT:  
 ONLY THE ORIGINAL BATTERY CHARGER (SOLD  
 SEPARATELY) SHOULD BE USED AS OTHER  
 ALTERNATIVES MAY DAMAGE THE BATTERY AND  
 WILL AVOID THE GUARANTEE.

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**6. PERFORMANCE OF PUMP**  
THE PERFORMANCE OF THE PUMP DEPENDS ON THE ORIENTATION OF THE SOLAR PANEL TOWARD THE SUN AND THE SUNLIGHT STRENGTH. THE MAX. DATA OBTAINED UNDER OPTIMAL CONDITIONS. A SOLAR PANEL POSITIONED IN THE SHADE OR IN POOR WEATHER CAN NOT BE GUARANTEED. FOR THIS MODEL WITH BATTERY, THE PERFORMANCE OF THE PUMP ALSO DEPEND ON BATTERY POWER LEVEL. PUMP CAN NOT WORK IF BATTERY POWER IS LOW.

**7. MAINTENANCE OF PUMP**  
IF YOU FIND THE PUMP START LOSING POWER OR STOP WORKING, PLEASE CLEAN THE PUMP FILTER AND IMPELLER WITH CLEAN WATER.



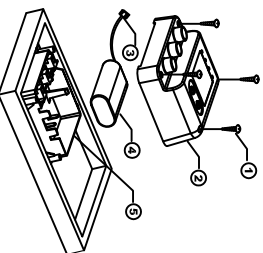
**8. BATTERY REPLACEMENT**  
THIS SOLAR PUMP HAS BEEN DESIGNED TO RUN MANY YEARS IF CORRECTLY MAINTAINED. THE LI-ION BACKUP BATTERY PACK, IN COMMON WITH ALL RECHARGEABLE BATTERIES, HAS A LIMITED LIFE SPAN, YOU MAY NEED TO REPLACE IT AFTER 18 MONTHS ~ 24 MONTHS USE.

1. REMOVE THE 4PC SCREWS (PART 1) FROM THE CONTROL PANEL COVER (PART 2)
2. DISCONNECT THE BATTERY PACK CONNECTOR (PART 3), THEN REMOVE THE BATTERY PACK (PART 4) FROM CONTROL PANEL BASE (PART 5)
3. REPEAT STEP 1 AND 2 IN REVERSE ORDER TO REASSEMBLE.

**TOOLS NEEDED:**  
SMALL SIZED PHILIPS HEAD  
SCREWDRIVER.

DISPOSE OF OLD BATTERY  
PACK ACCORDING TO THE  
LOCAL REGULATIONS, RECYCLE  
WHEN POSSIBLE.

**IMPORTANT!**  
ONLY ORIGINAL BATTERY PACK  
SHOULD BE USED FOR  
REPLACEMENT AS OTHER  
ALTERNATIVES MAY BE  
INCOMPATIBLE. IT MAY DAMAGE  
THE SYSTEM EVEN CAUSE RISK  
AND WILL VOID THE  
GUARANTEE.



**9. PROBLEM SHOOTING**  
CHECK SOLAR PANEL, PUMP, LED LIGHT  
CONNECTED WELL.

CHECK SOLAR PANEL CORRECTLY POSITIONED IN  
SUNNY PLACE, ENSURE THE SOLAR PANEL IS  
NOT SHADED BY TREES, SHRUBS OR BUILDINGS.

CHECK IF [Battery Low] RED LIGHT IS BLINKING,  
IF SO, THAT MEANS THE BATTERY POWER IS  
LOW. SWITCH OFF THE PUMP AND LEAVE SOLAR  
PANEL CHARGING UNDER GOOD DIRECT  
SUNLIGHT FOR AT LEAST 6 HOURS.

CHECK WATER LEVEL, MAKE SURE THE PUMP IS  
FULLY SUBMERGED IN WATER.

CHECK THE FOUNTAIN TUBING FOR KINKS AND  
OBSTRUCTIONS.

CHECK THE PUMP IMPELLER BLOCKED BY  
DEBRIS

CHECK THE PUMP MAY BE "AIR LOOKED", TURN  
ON/OFF THE PUMP SEVERAL TIMES TO CLEAR  
ANY AIR THAT MAY HAVE BEEN TRAPPED.

## 10. TECHNICAL DATE

MAX. WATER FLOW: 250 LPH  
MAX. WATER LIFT: 90 CM  
MAX. FOUNTAIN HEIGHT: 50 CM  
WORKING VOLTAGE: DC8.4V~DC6.5V  
PUMP WORKING POWER: 1.2W~0.6W  
PROTECTION GRADE OF PUMP: IP68  
SOLAR PANEL: 2.0W-9V-0.222A  
SOLAR PANEL SIZE: 190X150X18MM  
PROTECTION GRADE OF PANEL: IP44  
LI-ION BATTERY PACK: 7.4V/1.2AH  
PROTECTION GRADE OF BATTERY BOX: IP44  
LED LIGHT WORKING VOLTAGE: DC7.4V  
LED LIGHT WORKING POWER: 0.15W  
PROTECTION GRADE OF LED LIGHT: IP68

## 11. WINTER PROTECT

INDOOR STORAGE IS RECOMMENDED IN  
WINTER. THE NORMAL OPERATING AMBIENT  
TEMPERATURE IS 10°C TO 45°. DO NOT USE  
THE PRODUCT OUTSIDE THIS TEMPERATURE  
RANGE.

**IMPORTANT!!!**  
IN ORDER TO KEEP YOUR BATTERY HEALTHY  
DURING LONG TIME STORAGE PLEASE MAKE  
SURE THE BATTERY IS RECHARGED BEFORE  
STORAGE INDOOR.

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## 12. WARRANTY

THANK YOU FOR CHOOSING SUNNYDAZE DÉCOR. IF YOU HAVE  
ANY QUESTIONS, COMMENTS OR CONCERNS PLEASE FEEL  
FREE TO CONTACT US BY PHONE AT: 888-881-4688. BY EMAIL:  
CUSTOMERSERVICE@SERENITYHEALTH.COM, OR YOU COULD  
ALSO EMAIL US VIA OUR CONTACT US PAGE AT:  
[WWW.SERENITYHEALTH.COM/CONTACT-US/](http://WWW.SERENITYHEALTH.COM/CONTACT-US/).

WE STAND BEHIND OUR BRAND AND THE QUALITY OF THE  
ITEMS WE SELL. WE WILL SEND NEW PARTS, OR REPLACE  
PRODUCTS AT OUR DISCRETION WITHIN **THE ONE YEAR**  
**WARRANTY PERIOD**. BEFORE WE CAN HELP, YOU WILL NEED  
TO PROVIDE PROOF OF PURCHASE WITH THE DATE OF  
PURCHASE AND PHOTOS OF THE DEFECTIVE MERCHANDISE.  
WE WILL USE THE PHOTOS TO DETERMINE THE CAUSE OF  
DEFECT AND FOR FUTURE QUALITY CONTROL.

