

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

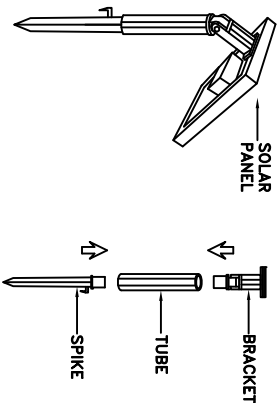
UNPACK THE PACKAGE
YOU SHOULD HAVE RECEIVED LISTED PARTS:

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

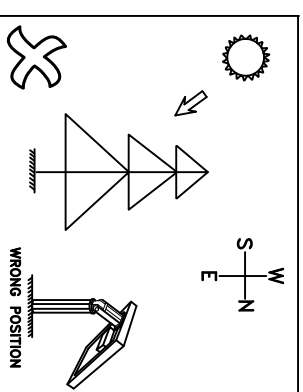
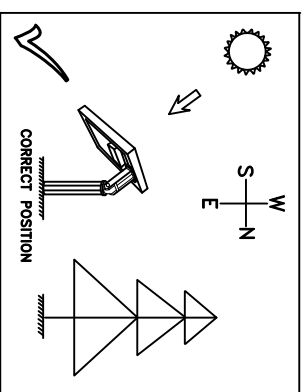
1PC SOLAR PANEL WITH BATTERY,
1PC SOLAR PANEL BRACKET,
1PC EXTENSION TUBE,
1PC GROUND SPIKE,

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

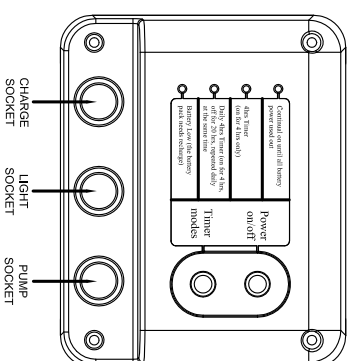
1. JOIN THE BRACKET, TUBES AND
SPIKE TOGETHER AND THEN ATTACH THE
SOLAR PANEL TO THE BRACKET. SLIDE THE
HOLDING BRACKET INTO THE INSIDE LIP OF
THE TOP HALF OF THE SOLAR PANEL
FRAME. THE HOLDING BRACKET HOLDS THE
WEIGHT OF THE SOLAR PANEL. THE
DIRECTION TOWARDS THE SUNLIGHT CAN
BE ADJUSTED WITH THE WINGNUT.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



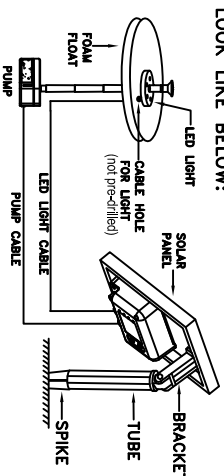
3. CONNECT THE PUMP, LED LIGHT WITH THE
SOLAR PANEL (CHARGER SOLD SEPARATELY).



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

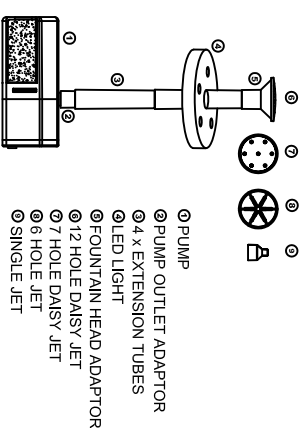
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4. THE ASSEMBLED SOLAR PUMP KIT SHOULD
LOOK LIKE BELOW:

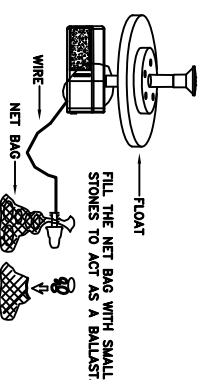


HOW TO ASSEMBLE THE PUMP AND SPRAY
PARTS FOR THE POND FOUNTAIN

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.

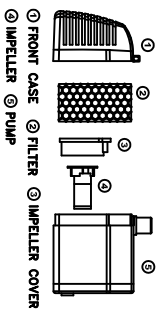
[Battery Low] RED INDICATOR LIGHT BLINKING
ON – THAT MEANS THE BATTERY POWER IS
LOW. THE PUMP WILL STOP SHORTLY FOR
PROTECTING THE BATTERY. THE RED INDICATOR
LIGHT WILL BE OFF AFTER THE SOLAR PANEL
RECEIVES GOOD SUN LIGHT AND THE BATTERY
HAS BE RECHARGED.

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.



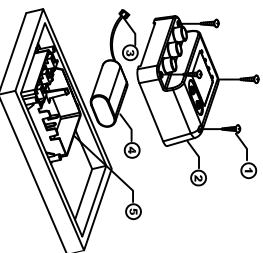
8. BATTERY REPLACEMENT
THIS SOLAR PUMP HAS BEEN DESIGNED TO RUN MANY YEARS IF CORRECTLY MAINTAINED. THE LI-ION BACKUP BATTERY PACK, IN COMMON WITH ALL RECHARGEABLE BATTERIES, HAS A LIMITED LIFE SPAN, YOU MAY NEED TO REPLACE IT AFTER 18 MONTHS ~ 24 MONTHS USE.

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/.

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.

