



SENTRY



Hurricane Auto Feeder

User's Manual

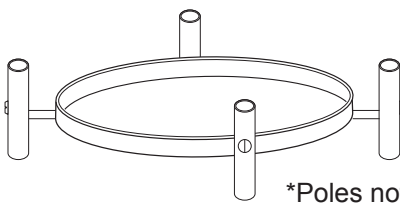
Important: This manual contains important information necessary for the proper assembly and operation of the Hurricane Auto Feeder.

Read and follow all cautions and instructions before assembling and using the feeder.
Keep this manual for future reference.

Assembly Instructions

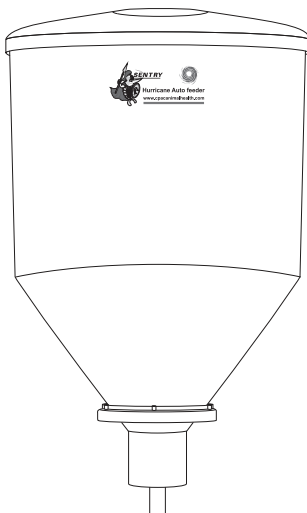
Before beginning assembly of product, make sure all components are present.

Important: Stand battery in vertical position only and do not lay flat while charging.

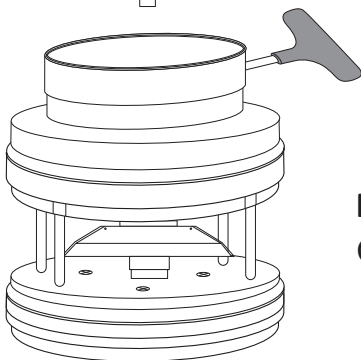


Hopper Strap
Cat 50SP-5001A

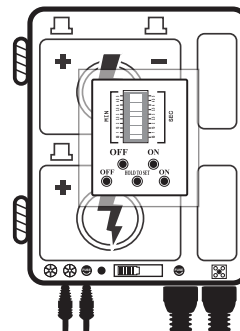
*Poles not included



Hopper with hinged lid
Cat 50SP-5001B

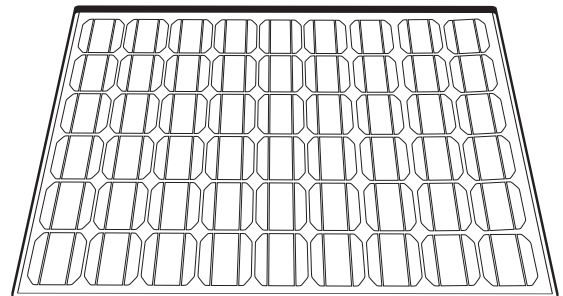


Power head
Cat 50SP-5001C



**- 2 IN 1 Battery Pack
and Controller**
Cat 50SP-5001D

Solar cell
Cat 50SP--5001F



Note: Custom sized to auto feeder to prevent overcharging

Do not discard packaging materials before assembly is complete. If any parts are missing or damaged do not attempt to disassemble any components.

Call customer service at +(6638)570966/9

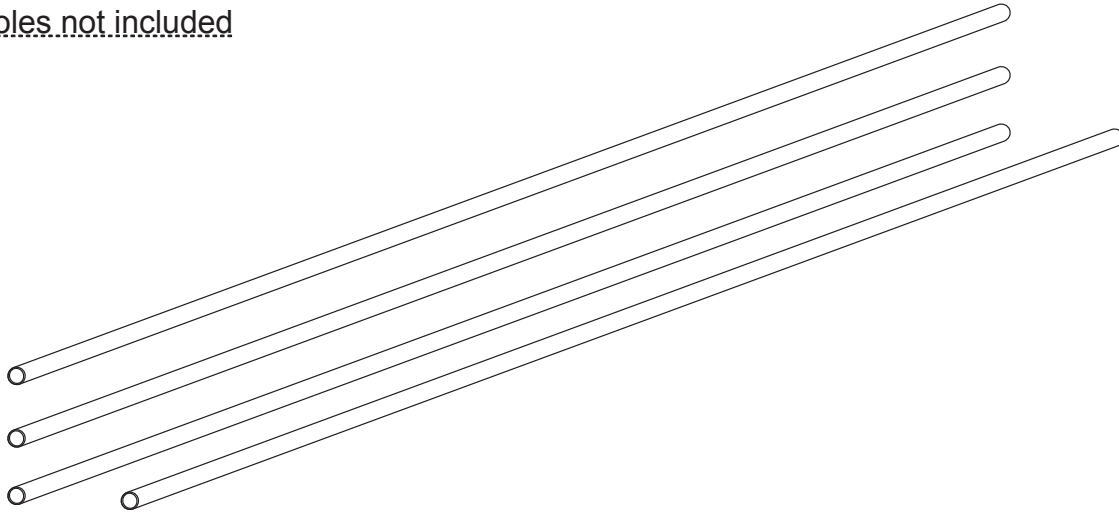


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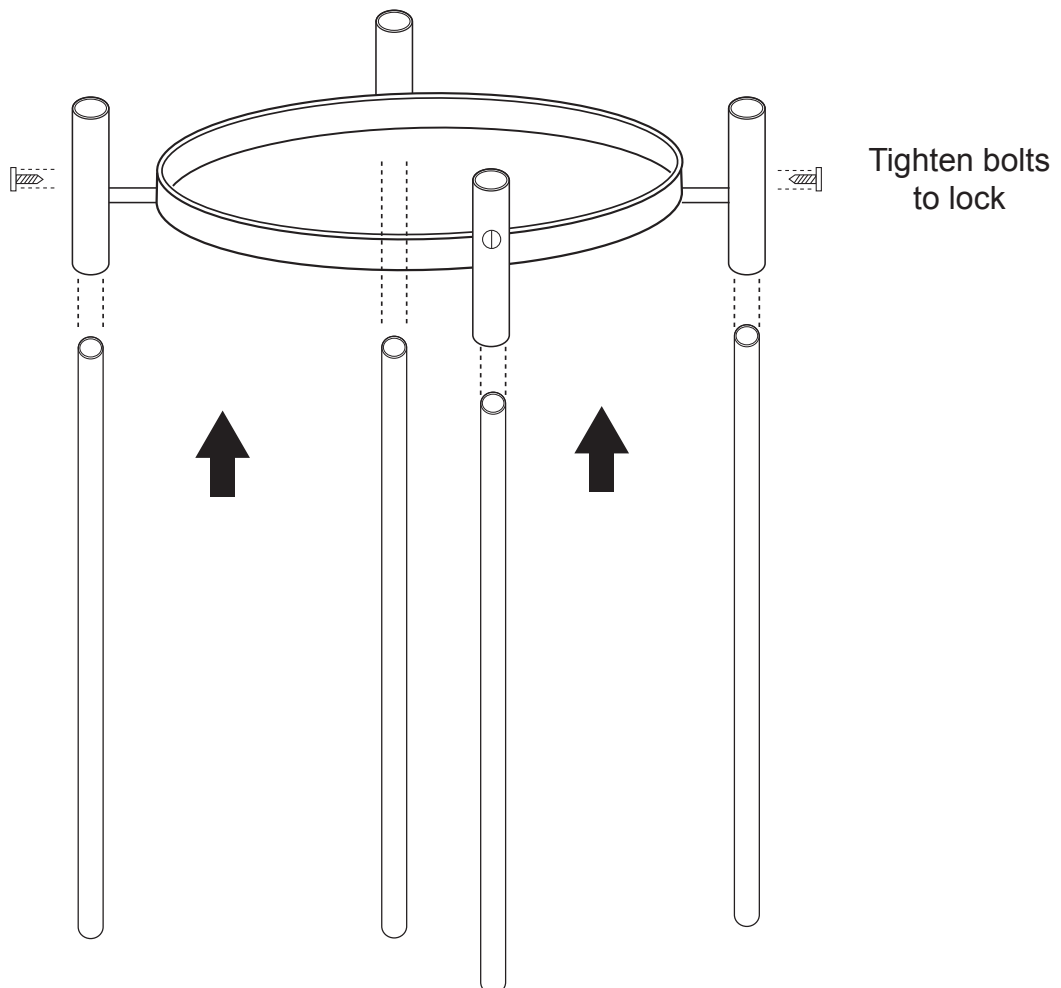


1. Prepare four 1¼ inch (3.18 cm) galvanized poles at length so the bottom of feeder will stand 1.5 to 2m above water level. Feeder can be mounted on the dock, poles to pond bottom or on floating pontoon.

*Poles not included



2. Insert 4 poles in hopper strap legs and lock by tightening set bolts.



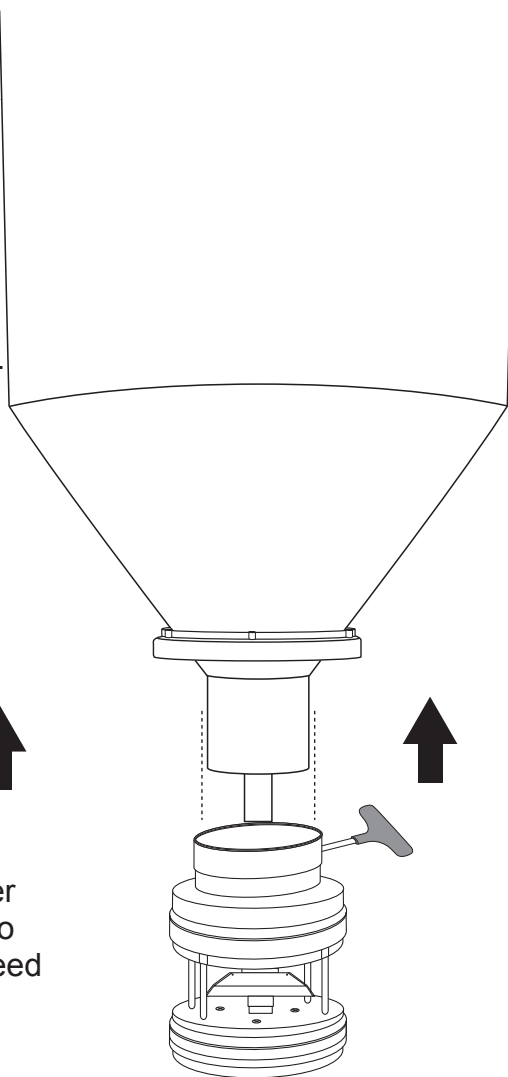


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3. Attach power head unit to hopper.

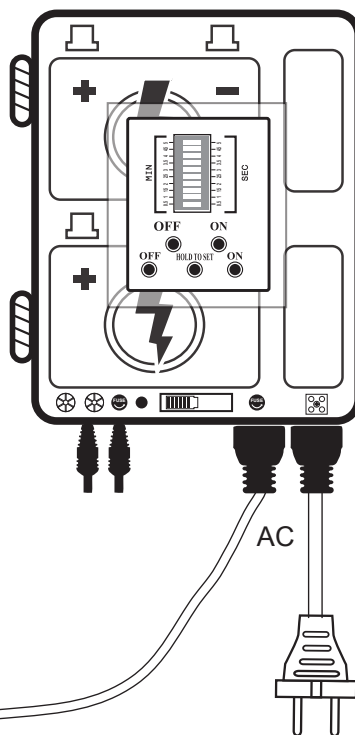
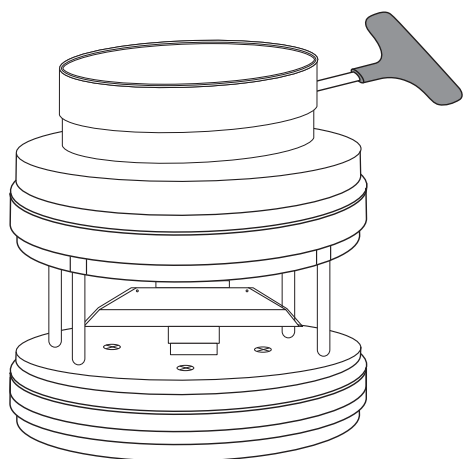
Raise or lower
power head to
adjust flow to feed
size



4. Connect power head wire to feeder timer control box.

Important: Stand battery in vertical position only and do not lay flat while charging.

100-230VAC, 50-60Hz AC
12V Batteries



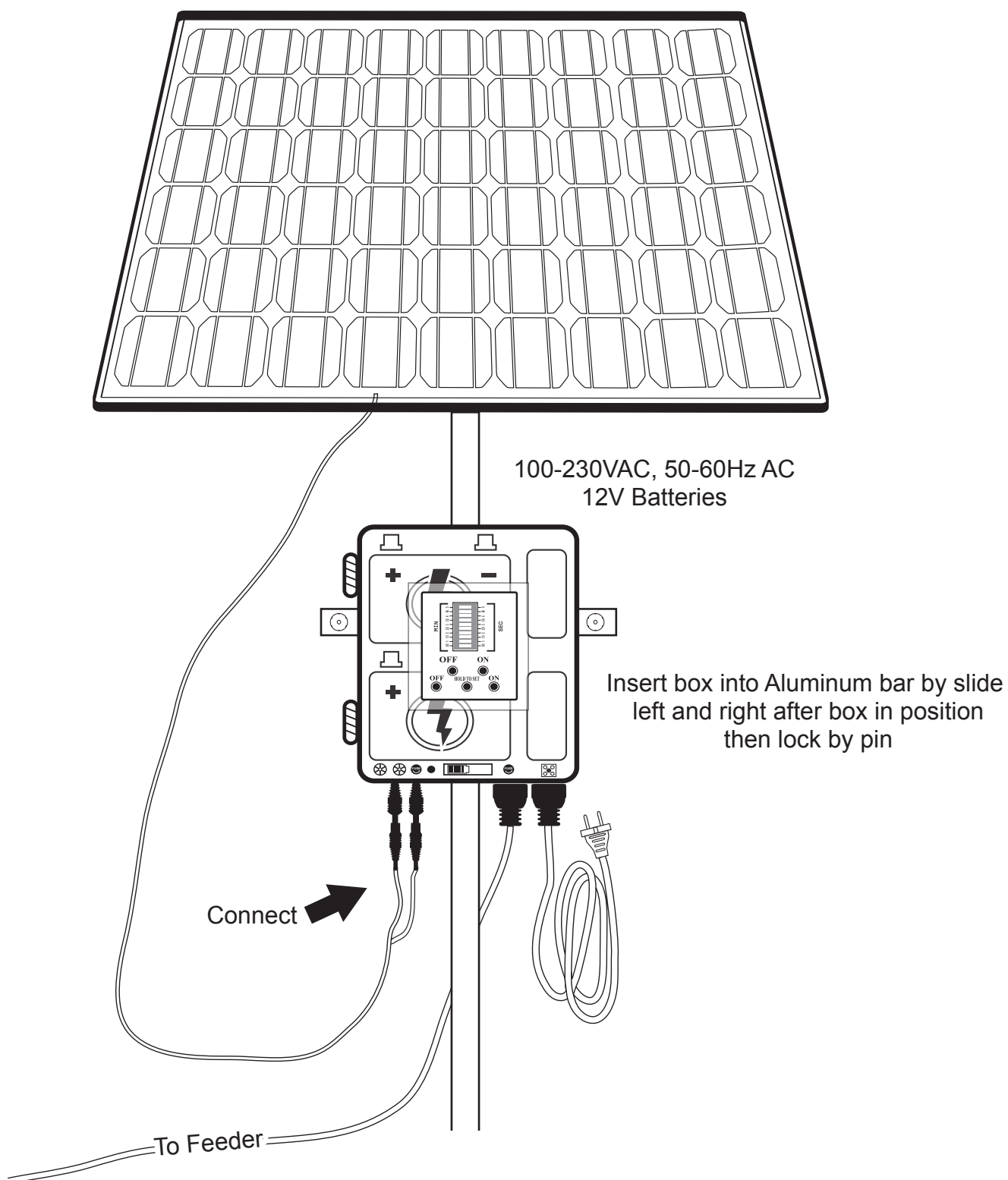


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5. For solar cell model: Connect cables to connectors to bottom of Feeder Power Supply Unit.

Solar Model is designed to be
a completely stand alone unit
and/or connect to AC outlet back up.





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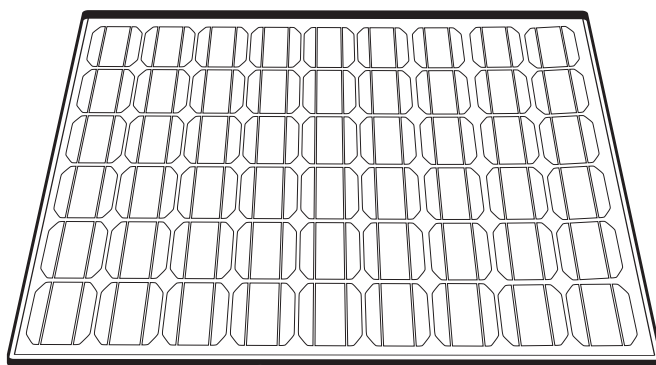
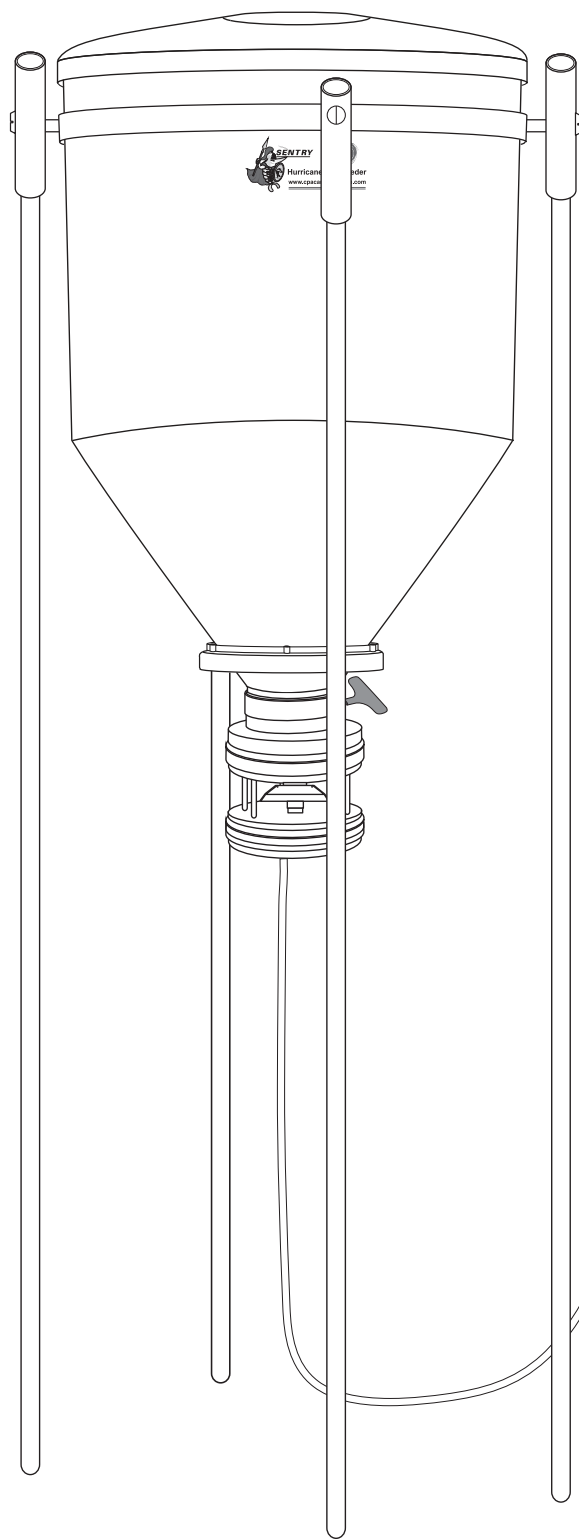


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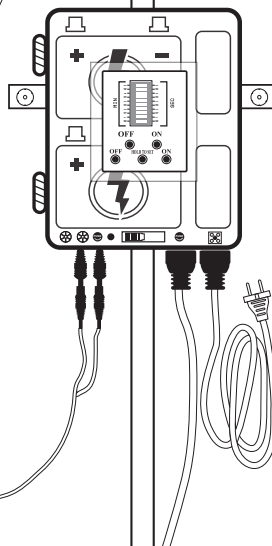
Solar Configuration

Solar Model is designed to be a completely stand alone unit and/or connect to AC outlet back up.

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100-230VAC, 50-60Hz AC
12V Batteries



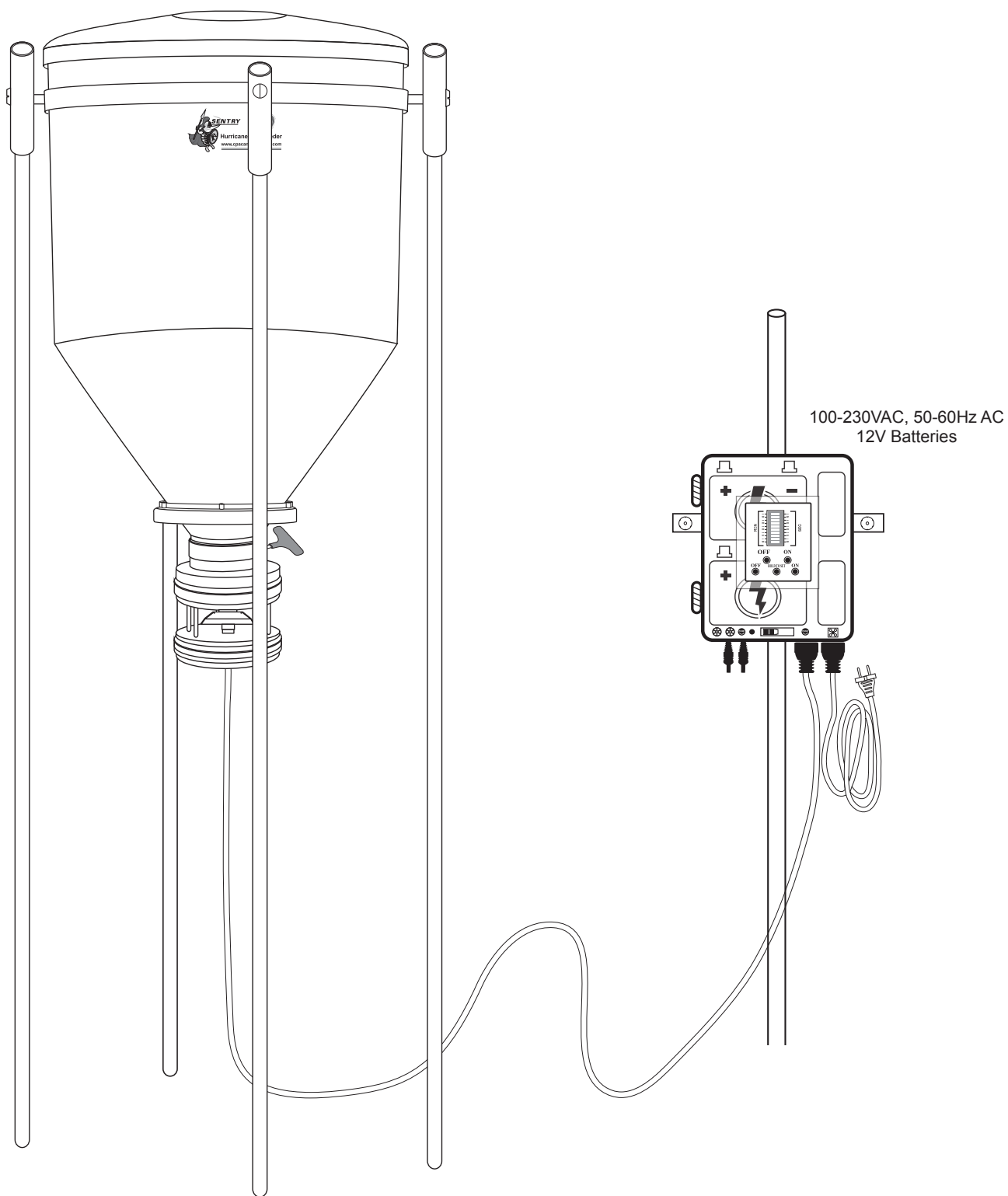
Note: Custom sized to auto feeder to prevent overcharging



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AC Configuration





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Placement and number of units required:

Set the distance from the Power Head to water surface from 80-200cm.
Installing the feeder higher will produce a further throw. However, it could be more susceptible to wind influence.

Position the feeder at least one meter further from the edge of the pond than the feed throw is set to prevent the feed from landing on the pond's berm.

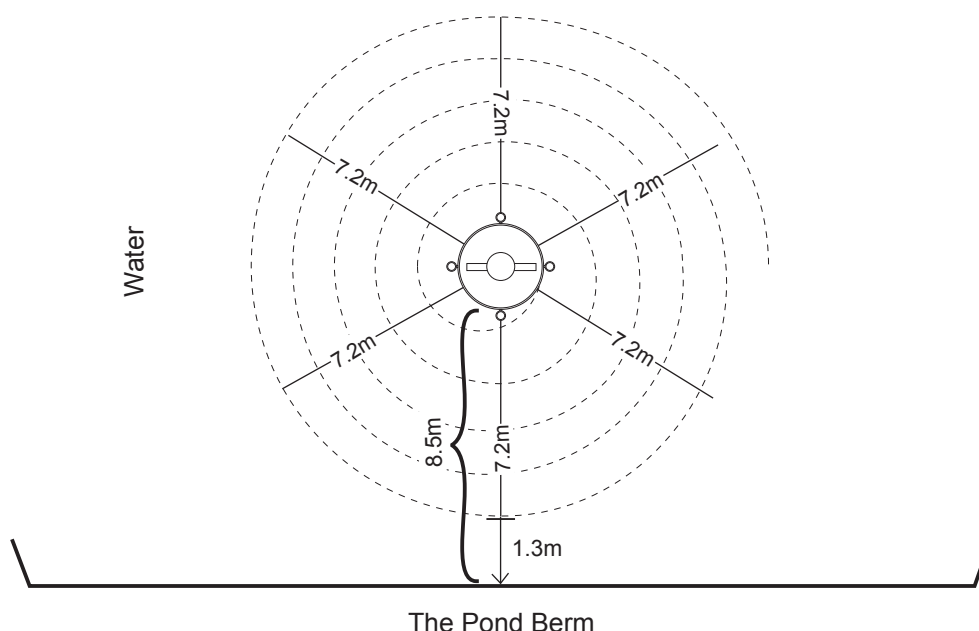
For use in intensive ponds (≥ 50 pcs/m²), we recommend one unit for up to 600,000 PL.

There is a benefit to adding two feeders per pond in lower intensity or larger ponds which are greater than 3ha or once the density goes up to 600,000 PL.

For example, in 3ha ponds stocking 20 pcs/m², despite being only 600,000 PLs/pond, in this case, we recommend employing two feeders for optimum results.

Three feeders are recommended for 5ha to 10ha ponds.

Typical configuration





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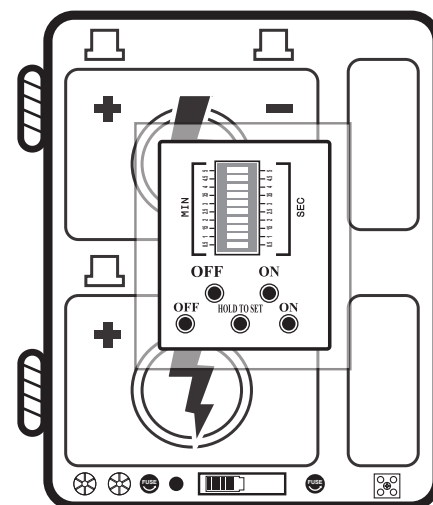
User guide electronic controller

To set duration.

hold "middle button" and push "ON button". To set up duration time.
0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 seconds.

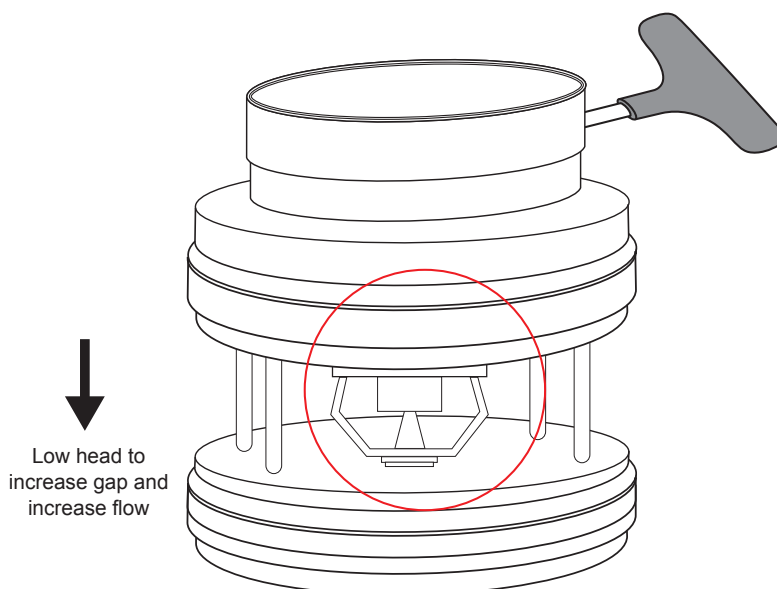
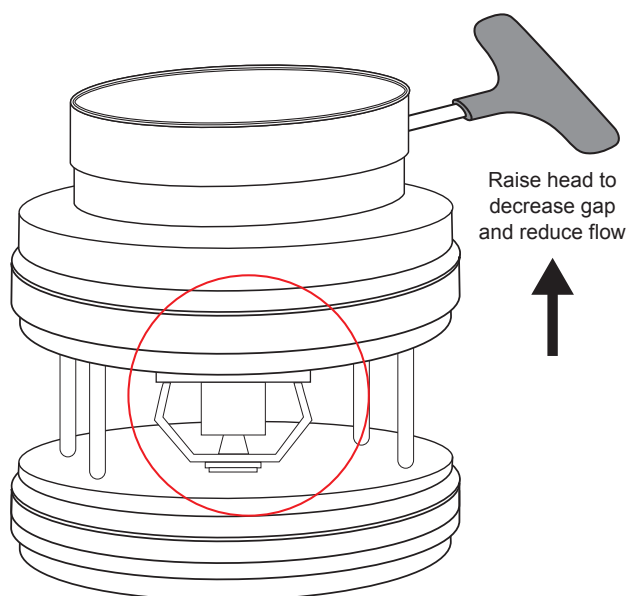
To set Interval.

hold "middle button" and push "OFF button". To set up duration time.
0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 minutes.



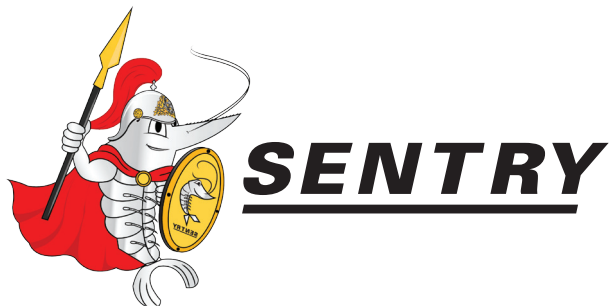
Feed calibration method.

1. Add feed in hopper.
 2. Set duration to 1 second.
 3. Set interval to 30 seconds.
 4. Place a large plastic bag around feeder to catch feed.
 5. Allow to spin 10 times.
 6. The total grams of feed divided by ten is the average grams per second.
- Note* Feed output can be adjust by moving the power head up or down to increase or decrease feed flow.



Assembly:

Solar panel faces due south at 15 degree slant from horizontal.



Warranty and Registration.

Manufacturer's warranty of one year from date of purchase for defects in manufacturing. Manufacturer will repair or replace defective parts as needed. Proof of purchase and registration at the time of purchase is required. Please register your Hurricane Auto Feeder.

Company: _____

Name: _____

Date of Purchase: _____

Serial number: _____

Dealer: _____

email to: customersvs@cpacasia.com

fax to: +66 (0) 38570970

Mail to: CPAC Asia Imaging Products

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