

Amerasia Solar-powered Water Timer

Technical Specifications:

Dimensions	: 3.15"(W) x 7.48"(H) x 4.72" (D) 80mm(W) x 190mm (H) x 120mm (D)
Operating Pressure	: 0 - 8 bars (0 - 120 Psi) A pressure reducing device is required when supply water pressure > 8 bars
Flow Medium	: Clear Fresh Water
Flow Rate	: Up to 9.2 GPM at 75 PSI (35L/min at 5 bars)
Ingress Protection	: IP-56 rated enclosure when the transparent cover is completely closed.
Operating Temperature:	4°C - 40°C
Number of Start Times	: Depends on frequency settings
Rechargeable Battery	: 2 x 1.2V AA NiMH / Nicd battery
Service life of rechargeable battery	: Refer to corresponding battery manufacturer's specifications. (Typically 2 - 4 years if used properly) Not recommend to use alkaline battery, they may leak when charge.
Applications	: For outdoor domestic use. Not suitable for industrial use or with chemicals, food-stuffs, flammable & explosive materials.



Model: AMIRR-801

The Age of Solar Power!

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H.K. Registration no: 300119826

Installing the batteries: 1. Unscrew the battery compartment cover, pull out the battery holder. 2. Place a dark cloth to cover up the solar panel and install two new 1.2V AA size Ni-MH rechargeable batteries. (The timer should run once immediately for self-test) The Rechargeable batteries take 2~3 days to become fully-charged by the solar panel. 3. Place back the battery holder and re-screw then remove the cloth that covering the solar panel.

Setting Watering Frequency: Turn the duration dial to choose the desired watering interval from totally 15 pre-set options. Watering Frequencies: Select every 5, 10, 15, 30mins; 1, 2, 3, 4, 6, 8, 12hours; and 1, 2, 3, 7days. Reset - Clear all settings.

Setting Watering Duration: Turn the duration dial to choose the desired watering duration from totally 14 pre-set options. Watering Durations: Select 10, 20, 30 secs; 1, 2, 3, 5, 10, 15, 20, 30, 60, 90, 120mins. *Manual watering: On - manually turn on the valve. Off - manually turn off the valve.*

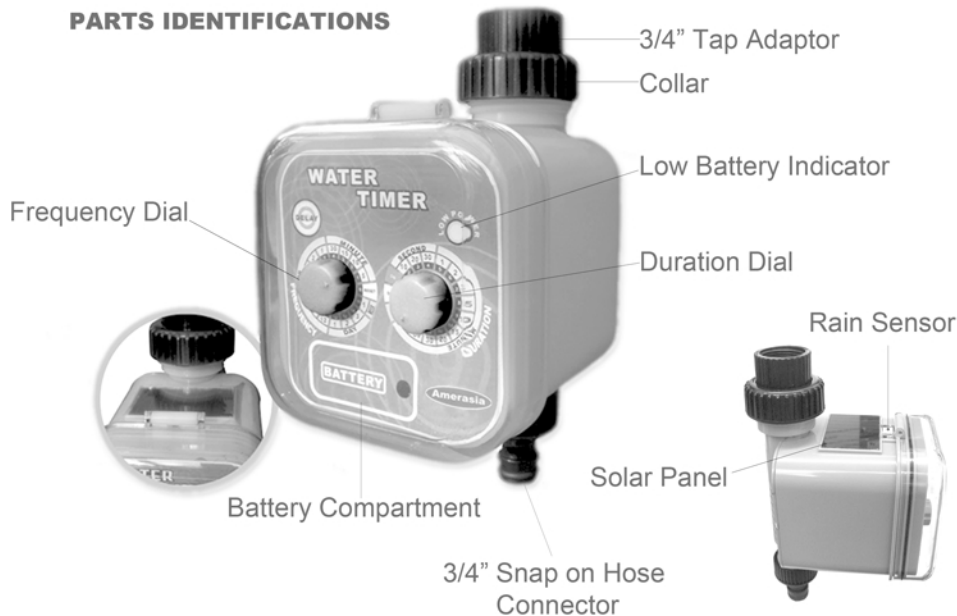
¹ Watering will commence when the first "watering cycle" has passed. E.g. If your frequency dial is set to run every 4 hours at 2pm, the first watering cycle will start at 6pm and repeat every 4 hours thereafter. If immediately watering is needed, use manual watering function.

² The timer will not work when the duration is same as or longer than the frequency setting. i.e. if you set the timer to work 30 mins every 10 mins, the timer won't work as this is not logic.

Rain Stop Features: Your Amerasia Solar Water Timer has a built-in rain sensor on top, it will stop watering automatically when raining. Watering will commence again in next watering cycle if no raining.

Low Battery Indicator: Low Battery Indicator will glow red when the battery voltage drop below the operating range and the valve will stop working. Should this happens, replace with two new 1.2V AA NiMH / Nicd batteries.

PARTS IDENTIFICATIONS



Front View

Side View

Maintenance:

- Use only new 1.2V AA NiMH / Nicd batteries.
- Keep clear of dirt and debris. Ensure no water is splashed accidentally into the battery compartment.
- Remove the batteries if your Amerasia solar water timer will not be used for a prolonged time.
- Close the transparent cover all the time to ensure waterproof.
- Please disconnect your timer from water source during winterization to prevent damage.

Warranty:

Your Amerasia Solar Water Timer has 1 year limited warranty against defects in materials and workmanship when used with main water supply for normal home garden watering applications.

No user serviceable parts inside, disassembling the unit will void all warranty.



Amerasia H.K.

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Product Liability: PMS Engineering Ltd is not liable for any kinds of damages caused by using the Amerasia Solar Water Timer. The same applies to all spare parts and accessories included. This is NOT a toy, keep out of reach of children.