



Villager[®] S6-4

Filtration and Ultraviolet Light Disinfection
1,000 gallons / 3,700 liters per day
Stationary Wall Mount, Solar / 12 volt Powered
Water Purification System for Remote Applications



<ul style="list-style-type: none"> • Turn-Key Systems, Built-in Flexibility • Easy Set-Up, Instant Water Production • 6 gallons (22 liters) per minute approx. • 360 gallons (1,332 liters) per hour approx. • 1,000 gallons (3,700 liters) per day approx. • Water Source from Rivers, Lakes or Water Tanks • Pre-Plumbing and Pre-Wiring installed / connected • 0.5 micron Carbon Block Filtration 	<ul style="list-style-type: none"> • Ultraviolet Light (UV) Water Disinfection System • 12-volt Photovoltaic Solar Panel / Battery Powered • Control Panel: 16" tall x 9" wide x 7 deep. 15 lbs. • Solar Panel: 47" L x 21" W x 2" D x 20 lbs. • Battery: 12 volt - 13"L x 7"W x 10"D x 75 lbs. • Battery / System Running Time = 3 hrs max. • Battery Charge Storage Life = 1+ Year • 10 ft Inlet and Outlet flexible hose connections
---	---

Cleaner and Safer Drinking Water

From Bore Holes or Tube Wells, Rivers, Lakes and Water Tanks

Aqua Sun manufactures the **Villager S6-4** System. This system is a wall mount system and is completely automatic that can take its water from most rivers, lakes, wells, or holding tank systems and produce approx 6 gallons / 22 liters per minute x 60 minutes = 360 gallons / 1,322 liters per hour x 3 hours = 1,000 gallons / 3,700 liters in a 3 hour period. This system will use a solar / battery powered 12-volt system to supply its electrical power needs. Whenever the sun is shining, the solar system will always be recharging the battery, even when the water treatment system is working. This system comes as a turn-key package. It is designed for easy installation as all of the wiring is pre wired and plumbing is pre-plumbed and all that needs to be done is hang the water treatment system on the wall in a convenient location. Plumbing in and out of the water treatment system is easy with 10 foot inlet female garden hose connection and 10 foot outlet male garden hose fitting. The Controller Panel will need to be located with-in 3 ft of the Water Treatment System preferably in between the 2 systems. The Battery Wire is prewired and will need to have the Positive (+) and Negative (-) wires connected to the battery. Mount the solar panel in a sunny location and within 25 feet of the system. Attach the solar wires to the panel that are already prewired into the control box. Install Filters and UV Lamp and the system is ready for operation. It is simple and easy to install the **Villager S6-4** Solar / Battery Powered Water Purification System.

This **Villager S6-4 / Solar Battery / 12-volt Powered Water Purification Systems** pulls the water from the source and through a **Washable / Reusable Sediment Filter** which removes large particles, sticks and leaves and then through **Sediment Filter** to remove the sediment. The water is then pushed through a 0.5 micron **Carbon Block Polishing Filter** that has the capabilities of removing **Giardia and Cryptosporidium Cysts, Entamoeba and Toxoplasma Cysts, Herbicides, Pesticides, Trihalomethanes (THMs), certain Volatile Organic Chemicals (VOCs), Chlorine and Chlorine By-Products, Sediment, Bad Taste, Odors, Color, Smell, and many other Harmful Chemicals and Contaminants.** The polished crystal clear filtered water is then channeled past an **Ultraviolet Light Disinfecting Process** that has the ability to kill the **Bacteria, Viruses, Typhoid Fever, Coliform, Dysentery, Cholera, Infectious Jaundice, Hepatitis and Influenza Virus, E-coli, Enteric Fever** and many other unwanted microorganisms to a 99.999% purity.

Substitute water filters can be added to meet the primary needs such as Heavy Metals, Arsenic and / or Fluoride etc.

Life expectancy of the Washable / Reusable Pre-Filter depends upon how dirty incoming water is.

Life expectancy of the Sediment Washable / Reusable Pre-Filter depends upon how dirty incoming water is.

Life expectancy of the Carbon Block Post-Filter with clean incoming water is 150,000 gallons or 1 year.

The Ultraviolet Disinfecting Light life expectancy under normal usage is 9000 hours or 12 years.

We can design for your needs. We ship Worldwide.

These Systems are approved for **air shipments** inside and outside the continental United States.

All water contact components carry a **NSF Approval Rating** and the ultraviolet light carries a **Certificate of Analysis.** The filter and UV light manufacturers are members of the **Water Quality Association.**

Aqua Sun International is a registered **DEPARTMENT OF DEFENSE CENTRAL CONTRACTOR**, an approved **UNITED NATIONS SUPPLIER**, and a member of the **AMERICAN SOLAR ENERGY SOCIETY (ASES).**

WASHABLE / REUSABLE Pre-FILTER

Removes river and lake water particles such as leaves, twigs, sediment and protects the sediment pre-filter from premature clogging. This filter is easily washed and cleaned when clogged.

APPROXIMATE FILTER LIFE EXPECTANCY depends on how dirty incoming water is or 1 year maximum.

SEDIMENT FILTER

Removes ground water sediment and protects the carbon block filter from premature clogging. Not washable.

APPROXIMATE FILTER LIFE EXPECTANCY depends on how dirty incoming water is or 1 year maximum.

0.5 micron CARBON BLOCK FILTER

Removes and reduces giardia lamblia and cryptosporidium cysts, volatile organic chemicals "VOC's" pesticides and herbicides, benzene, sediment, color, bad taste and odors such as hydrogen sulfide "rotten egg smell" and many other microorganisms down to a 0.5 micron. This Carbon Block Filter polishes the water crystal clear for refreshing good tasting water. **APPROXIMATE FILTER LIFE EXPECTANCY 150,000 gallons / 555,000 liters or one year of clear incoming water.**

ULTRAVIOLET DISINFECTING LAMP

Clean, safe and natural UV light rays have the ability to kill the bacteria and virus to 99.999 % purity without any harmful side effects much like chemical agents normally added to drinking water. The ultraviolet range is ideal for killing Microorganisms such as E-coli, Coli form, Cholera, Legionnaires Disease, Hepatitis Virus, Typhoid Fever, Dysentery, Infectious Jaundice, Influenza, Enteric Fever and many other unwanted Microorganisms. **APPROXIMATE UV BULB LIFE EXPECTANCY 9000 hours, or approx 12 – 18 months.**

Standard Features:

- **Size;** Filters Housings and Mounting Bracket, 30" long x 18 wide x 9" deep, 2 pcs
- **Size;** Control Panel, 28" long x 9" wide x 7" deep, 15 Lbs.
- **Output Watts;**
 - Ultraviolet Light only; 22 Watts / 1.89 amps per hour
 - Self Priming Water Pump; 15 amps max per hour depending on head
- **Weight Empty;** approx. 80 lbs. Shipping Weight Not including Battery. Battery 75 lbs.
- **Inlet Connection;** ¾ "Female Standard Hose Threaded Port / Swivel. 10 feet long
- **Outlet Connections;** ¾ "Male Standard Hose Threaded Ports. 10 feet long
- **Rated Water Pressure;** 20 PSI minimum / 65 PSI maximum
- **Ultraviolet Lamp Output;** 16,000 microwatt seconds per centimeter squared and carries a Certificate of Analysis
- **Hoses, electrical cords and all misc. fittings** included with system
- **NSF and FDA APPROVED** on filtration and water contact components
- **Filter and UV Replacement Parts Filter Kits** at a discounted available

Options:

- **U.S. Voltage to 12 volt;** 120 volt to 12 volt electrical power converter.
- **International Voltage to 12 volt;** Uses a 220 volt 50 Hz to a 120 volt Power Step Down Transformer then the above 120 volt to 12 volt converter.
- **Lamp Out Circuit;** Optional Power / Lamp Out Circuit, System will not operate if UV light is not ON

Replacement Parts Kit:

Approx. water amount produced with Replacement Parts Kit = 600,000 gallon / 2,220,000 liters

Quantity

- 4 - Washable / Reusable Debris Filter
- 4 - 5.0 micron String Wound Sediment Filters
- 4 - 0.5 micron Carbon Block Filters
- 2 - Ultraviolet Bulbs

System Includes:

Villager Complete S6-4 System, Replacement Parts Kit and Shipping in Continual U.S.
Battery Not Included; Purchase in County due to weight and shipping complications.

Shipping Box Size:

- Without Replacement Parts Kit; 2 boxes 36"x20" x 14 @ 40 lbs. 1 box 30" x 14" x 12" @ 20 lbs.
1 box 3" x 50" x 24" @ 25 lbs.
- With Replacement Parts Kit; add 2 boxes 23" x 16" x 10" long @ 40 Lbs

We can ship this system most anywhere in the World. Individually or Ocean Containers.

P.O. Box 2919 Minden, Nevada 89423 United States of America

U.S. Tel: 775 / 783.8566 U.S. Fax: 775 / 201.0043 U.K. Fax: 0870-163-5682 European Fax: + 44-870-163-5682

Villager S6-4 (10/12 rev.)

Website: www.aqua-sun-intl.com

E-mail: info@aqua-sun-intl.com