UV drinking water system WP360

The *SolarWave WP360* is a solar powered water purification system that cleans water using proven ultra violet (UV) disinfection technology and fine sediment and carbon pre-filters. UV is a chemical free process which deactivates bacteria, virus, and protozoa by up to 99.99%, thus providing clean and safe drinking water which meets the World Health Organization's and local health departments' standards for potable water.

The *SolarWave WP360* is specifically designed for rural areas where no electrical power is available. It is a very cost effective solution to supplying safe drinking water.

As with all SolarWave products, the *SolarWave WP360* is a high-quality and reliable product that can operate for at least ten years under normal operating conditions. The system is easy to operate and maintain, and installation is simple.

Authorized reseller:

Safe water – anytime, anywhere

Technical Specification

Water cleaning capacity (at 16 mJ/cm^2*)	42 liters per minute, 2,520 liters per hour
Water cleaning capacity (at 30 mJ/cm^2*)	23 liters per minute, 1,380 liters per hour
Water cleaning capacity (at 40 mJ/cm^2*)	17 liters per minute, 1,020 liters per hour
Operating pressure	0.3-8 Bar
Ambient temperature	0-50 °C
Recommended max. water temperature	40 °C
Connection size	3/4" BNP (male)
Solar power	12 V / 250 W
Battery capacity	12 V / 90 Ah
Max. power consumption	26 W
Security and safety	Auto shut-off in case of lamp malfunction
Dimensions: water purification unit solar panel battery	563 x 536 x 130 mm, 9.5 kg 1,480 x 673 x 35 mm, 20 kg 350 x 167 x 183 mm, 27 kg
Filter 1	10" 50 micron washable
Filter 2	10" 5 micron sediment
Filter 3	10" 5 micron carbon taste/odour/rust/chlorine

* Depending on actual operating conditions such as water pressure, flow, temperature, type of filters, etc.

Maintenance

UV lamp (S463RL)	Replace once a year
Quartz sleeve (QS-463)	Clean or replace as needed
Filter 1 (washable)	Clean or replace as needed
Filter 2 (AWP110)	Replace as needed
Filter 3 (AWP117)	Replace as needed