



## Water purification system **Simplicitas**

Here we have 2 solutions to clean water in a simple and reliable way. System needs water pressure and can operate stand alone without external power. This is very suitable in schools and medical centres in remote areas.



The **SolarWave WP2** is a high-capacity point-of-use drinking water system that cleans water using proven ultraviolet (UV) disinfection technology and fine sediment and taste/odour 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 WP2 drinking water system has been designed and tested to ensure quality drinking water is at everyone's fingertips.

As with all SolarWave products, the WP2 is a reliable product that can operate for at least ten years under normal operating conditions.

### Technical specification

Water cleaning capacity (at 16 mJ/cm <sup>2</sup> *)	24 liters per minute, 1,440 liters per hour
Water cleaning capacity (at 30 mJ/cm <sup>2</sup> *)	13 liters per minute, 780 liters per hour
Water cleaning capacity (at 40 mJ/cm <sup>2</sup> *)	9 liters per minute, 540 liters per hour
Operating pressure	0.3-8 Bar
Ambient temperature	0-50 °C
Recommended max. water temperature	40 °C
Connection size	3/4" Tube/Faucet
Electrical connections	100-240 V AC / 50-60 Hz
Max. power consumption	20 W
Dimensions	520 x 470 x 150 mm
Filter 1	10" 5 micron sediment
Filter 2	10" 5 micron carbon taste/odour/rust/chlorine
Shipping weight	7.0 kg

\* Actual flow depends on operating conditions e.g. pressure, temperature, type of filters, condition of filters, etc.

### Maintenance

UV lamp (S330RL)	Replace once a year
Quartz sleeve (QS-330)	Clean or replace as needed
Filter 1 (AWP110)	Replace as needed
Filter 2 (AWP117)	Replace as needed



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The SolarWave WP360 School 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 School is specifically designed for schools in rural areas where no electrical power is available. It is a very cost effective solution to supplying safe drinking water to pupils and teachers.

As with all SolarWave products, the SolarWave WP360 School 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



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**Technical Specification**

Water cleaning capacity (at 16 mJ/cm <sup>2*</sup> )	42 liters per minute, 2,520 liters per hour
Water cleaning capacity (at 30 mJ/cm <sup>2*</sup> )	23 liters per minute, 1,380 liters per hour
Water cleaning capacity (at 40 mJ/cm <sup>2*</sup> )	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 / 140 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, 15 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

