

# AQUA EWP

## Rural Village Drinking Water? Solar EWP (Electronic Water Purifier) Concept or Reality?

The concept can be done. Use an EWP at 2.5 gallons per minute. This 3,600 gallons per day—essentially enough water, according to WHO standards for 400 people or a village of 100 families.



2.5 GPM EWP

This EWP unit (on left) only uses 320 watts hours of power and will remove 90% of the dissolved minerals and harmful primary pollutants.

Combine this (on right) with a solar array supplying 500 watts hours of power, complete with battery, controller and inverter.

Control the use of Solar vs. using the grid or 1000 watt generator through the use of an optical sensor and what you get is an EWP run by solar!

Add disinfection, storage tanks, pumps and the system is ready to go.



Solar Panel

Flow sizes available: 1, 2.5, 5, 10 gpm

Feed Salinity: 1,000 ppm and 2,500 ppm

Effluent: 90% removal of TDS

Recovery: 75% ; waste can be used for irrigation



Unlike any other technology that you imagined

[www.AquaEWP.com](http://www.AquaEWP.com)