

TFW 8000 PV

The **TFW 8000 PV** solar water treatment system is complete and ready to deploy. It provides approx. 8'000 liters of clean potable water per day from non saline source water only limited by the pre configured PV components. Powered by high quality GE Energy solar panels it can run without ongoing fuel and fuel transport costs. The system is complete with borehole type delivery pump, an exclusive automatic back flushing filtration, batteries, solar panels and controls.

An ultra filtration membrane removes all virus and bacteria without requiring toxic chemical treatment. The TFW 8000 PV is ideal for remote areas, disaster relief, village level water purification and in multiples even small resort applications. It is very compact, easy to install and to operate.



External dimensions

Weight	net	500x400x1800 mm powder coated metal cabinet
Intake feed pump	1 piece	450 kg
Tube packet		max. 1000 l/h with max 7 bar pressure
Pre filter with motor	1 piece	20m
Ultra filtration with Membrane filter	1 piece	25 Microns
Solar Panels	2 pieces	max 1000 l/h or max 263 G/h
Tower for solar panels	1 piece	each 200W / 24V
Activated carbon filter	1 piece	2.50m
Gel batteries	4 pieces	20 Microns
Energy consumption	per unit / hour	each 6 V – 200 Ah batteries
		250 W/h



- 1 Metal cabinet
- 2 Prefilter
- 3 Ultrafiltration Membrane
- 4 Expansion Tank
- 5 Batteries
- 6 Pump controller
- 7 Activated carbon filter
- 8 Electricity control
- 9 Solar charge controller

