



TWS 300

TRUNZ WATER SYSTEM 300

The mobile Trunz solar water treatment system TWS 300 is complete and ready to deploy. It provides approx. 1200 l of potable water per hour from any non saline water source. Powered by solar and/or wind energy it can run up to 24 hours a day, without ongoing fuel and fuel transportation costs. The system is complete with feed pump, automatic back flushing filtration, batteries, solar panels and controls. An Ultrafiltration membrane removes all viruses and bacteria without requiring toxic chemical treatment. The Trunz solar water treatment system is ideal for disaster relief, military camps or any other mobile application. The system is very compact, easy to install and to maintain.



 ready to operate, installed in approx. 30 minutes

 exceptionally energy efficient

 easily relocated

Dimensions	L x W x H	1770 x 1450 x 1510 mm
Weight	net	830 kg
Filtration Technology		Ultrafiltration
Raw Water Source		well, river, lake, borehole
Contamination		organic contamination
Size of removed particles		down to 0.02 micron
Quality of produced water		99.9999% virus- and bacteria free
Application / Installation		mobile (trailer available)
Capacity		max. 1200 l/h
Prefilter with back flushing system	2 pc.	100 micron
Membranes	1 pc.	Ultrafiltration
Activated carbon filter	1 pc.	20 micron
Power supply		solar panels, max. 720 Wp
Power consumption unit		60 W
Power consumption Total	incl. borehole pump	350 W
VRLA-Batteries	4 pc.	12V - 180 Ah/Battery
Power connection		Solar, 24 VDC
Controls		digital
Feed pump	1 pc.	max. 1200 l/h
Feed pump pressure		6 bar
Tube package		20 meter
min./max. water temperature		0/45° C
min./max. air temperature		0/50° C
Optional features		Inverter 24 VDC / 230 VAC Battery charger 230 VAC / 110 VAC Wind generator, 1 KW Sandfilter Monitoring Disinfection
Certificates		NSF/ANSI 61 KTW TÜV - EN ISO 9001:2008