

©Mobile Power Int.
Patent Pending



H₂ALL

Mobile Solar Water Purification System

- Military Spec Design, Rugged, Lightweight, and Affordable
- Built for the Harshest Elements and Terrains throughout Local and Remote locations.
- Up to 2500 Gallons per day / Capable to run 24 hours, 7 days a week. Less than a penny per gallon of filtered, potable water.
- 4 Log (99.99 %) Reduction, removal and destruction of Bacteria, Virus, and Protozoan Cysts (Giardia Lamblia, and Cryptosporidium)

MADE IN THE USA



CATEGORY:	#	Units / Desc.	Data US (Metric)
Ext. Dimensions: L x W x H	x	Open	60"x43"x92" (1524 x 1092 x 2337mm)
Weight:	x	Dry	291 LBS (132 Kg)
Construction:	x	Materials	Steel, Aluminum
Solar Panel:	1	Total Wattage	280 W/h
Batteries:	2	Capacity	Dual 12 volt - 1.2 Kw H (AGM or GEL, Maintenance free)
Charge Controller:	1	Type Current	MPPT, 15A
Warranty:	x	18 Months - Comes with estimated 18 months worth of filters FREE	
WATER PURIFICATION			
Feed Pump	1	(Type, Flow Rate)	Submersible, 1 - 2 GPM (.23 m3/hr - .50 m3/hr)
High Pressure Cut Off	1	(Type, Limit)	Pump power secured if back pressure exceeds 60 p.s.i.
Pump Strainer	1	(Type, Flow Rate)	Stainless steel, 1/32" perforation (50 mesh - 300 Mic.)
1st Stage Filter	1	(Type, Flow Rate)	Pleated Sediment, 20 Micron (Reusable - Washable)
2nd Stage Filter	1	(Type, Flow Rate)	Granular Activated Carbon / KDF Media, 10 Micron
3rd Stage Filter	1	(Type, Flow Rate)	Pleated Sediment, 5 Micron
4th Stage Filter	1	(Type, Flow Rate)	Pleated Sediment, 1 Micron Absolute
5th Stage (UV)	1	(Type, Flow Rate)	Ultra Violet Sterilization 5 GPM @ 30 mJ (254 nm)
Optional	x	Pump Buoy (304SS)	Surface water applications - Optimal intake
Optional	4	Wheels / Casters	For less challenging terrain 8-12 inch

