

©Mobile Power Int.
Patent Pending

H₂ALL

Mobile Solar Water Purification System

- Military Spec Design, Rugged, Lightweight, and Affordable
- Built for the Harshes 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 Lambliia, 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) |
| Ext. Dimensions: L x W x H | x | Closed | 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 | <i>From date of purchase</i> | 13 Months |
| 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) | Carbon Block, 5 Micron |
| 4th Stage Filter | 1 | (Type, Flow Rate) | Pleated Sediment, 1 Micron Absolute |
| 5th Stage (UV) | 1 | (Type, Flow Rate) | Ultra Violet Sterilization 8 GPM @ 30 mJ (254 nm) |
| Optional | x | <i>Pump Buoy (316 SS)</i> | Surface water applications - Optimal intake |
| Optional | 4 | <i>Wheels / Casters</i> | For less challenging terrain 8-12 inch |