

PFU Series Features

- Small, portable, and efficient water purification units
- Ideal for disaster relief, military, rescue operations, missions, hospitals, schools, and small communities
- Advanced robust design for emergency use and providing of drinking water to small villages and residential clusters
- Easy to use, with minimal training and maintenance
- Treatment capacities of 1 – 12 gallons per minute (4 – 48 liters per minute)
- Units can be scaled up or used in tandem for larger applications to serve thousands of residents
- Technology includes proprietary combination of primary filtration, carbon block, and UV disinfection
- Best application is the purification of contaminated well water, city water, river and lake water, and other fresh water sources
- Very effective on waterborne pathogens and contaminants (e.g., parasites, bacteria, and viruses) and nominal chemical contamination (e.g., Arsenic and toxic metals)
- Produces drinking water that meets International Drinking Water Standards, and USEPA NSF P248 (2008) and P231 Biological Challenge Standards
- Can be used in conjunction with conventional AC power (110 / 220 VAC), vehicle batteries, or solar power systems
- Typical total treatment cost is about \$0.01 - \$0.02 per gallon and \$0.03- \$0.05 per gallon using full solar power (includes: amortization of capital cost + operating cost + consumables)