



SmartBox: Life saving purity

When safe drinking water is not available, the SmartBox® is the ultimate solution. Water purification from nearly every source, as ponds, rivers and lakes.

- Water quality meets WHO standards
- Safe water in remote areas
- Optimal removal of bacteria, viruses, colour, odour, metals & salts
- Engineered by water experts
- Plug and play operation
- Decentralized water units for base camps / emergency hospitals



SMART. RELIABLE. SUSTAINABLE.

	SmartBox UF	SmartBox DNF	SmartBox RO
	1000 nm	10 nm	1 nm
	Viruses & Bacteria	Desalination	Colour & Micropollutants
Dimensions	1070 x 620 x 450 mm (L x W x H)	1070 x 620 x 450 mm (L x W x H)	1070 x 620 x 450 mm (L x W x H)
Weight	60 Kg	60 Kg	60 Kg
Inlet water	Surface water (ponds, wells, rivers, etc)	(Brackish) surface water (ponds, wells, rivers, etc)	(Brackish) surface water (ponds, wells, rivers, etc)
Membrane filtration process	Ultra Filtration	direct Nano Filtration	Reverse Osmosis
Water temperature min - max.	1 - 40° C	1 - 40° C	1 - 40° C
Filtered water flow	200 - 300 liter/hour	80 - 120 liter/hour	80 - 120 liter/hour
Power source**	Solar/car-truck adaptor 12VDC-24VDC/110VAC/230VAC	Solar/car-truck adaptor 12VDC-24VDC/110VAC/230VAC	110VAC/230VAC
Feed water pump	Self priming pump	Self priming pump	HP pump - Pre-pressure 1-2 bar (g)
Pre-filter	Included	Included	Depending on inlet water quality
Removal of	- Suspended particles - Viruses & Bacteria - Colour & Odour*	- Suspended particles - Viruses & Bacteria - Colour & Odour*	- Suspended particles - Viruses & Bacteria - Colour & Odour - Metals & Salt

*Colour & Odour removal by cartridge
**UF & NF with batterypack

Specifications

- Smart controller, intelligent flux regulation, auto adjusts to inlet water quality
- Auto flushing membrane
- Portable with trolley wheels
- Easy battery replacement (up to 20 hrs per charge)
- Internal hose storage compartment
- Folded solar panel (option)

SmartBox®

A life saving solution for rescuers, servicemen and survivalists all over the world. The SmartBox® is a portable watertreatment unit, based on membrane technology and smart engineering. Where other systems clog, the SmartBox® will always deliver, due to the smart flux regulator.



BlueStrength
SmartBox

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