

UDP-01-HAPO AUTOMATION UNIT MK-II

Technical Datasheet



Technical Specifications

Part Number	UDP-01
AC Input Voltage	85-264 VAC
Input Frequency	47-63 Hz
AC Power	The HAPO Automation Unit when running on AC Power mode, the battery will be simultaneously charged.
Operation Indication	LED Indications
Selection Switch Mode	AC OFF Battery
Operating Altitude	Max 6000 Meters
Operating Temperature	-40° C to +55° C
Air Filters	To supply clean dust free air to the HAPO bag, the air from the atmosphere is taken through air filters and silicone tubing
Solar Charger kit (Optional)	ULIN-KT-004 to charge the Battery of HAPO Automation Unit. Make: Ultralife India Pvt Ltd.
Enclosure Material	Fiber-Reinforced Plastic (FRP) Material to prevent condensation at low temperatures
Wires	Teflon Coated for high reliability in extreme temperatures
Carry Bag	Nylon 6 / 6 Material - Back Pack
Dimensions	370(L) X 270(W) X 80(H)
Weight	Max 8 kg
Connectors	Mil Grade AC Input - Amphenol - MS 3102R-10SL-3P Mil Grade Solar Input - Amphenol - MS 3102R-10SL-4S

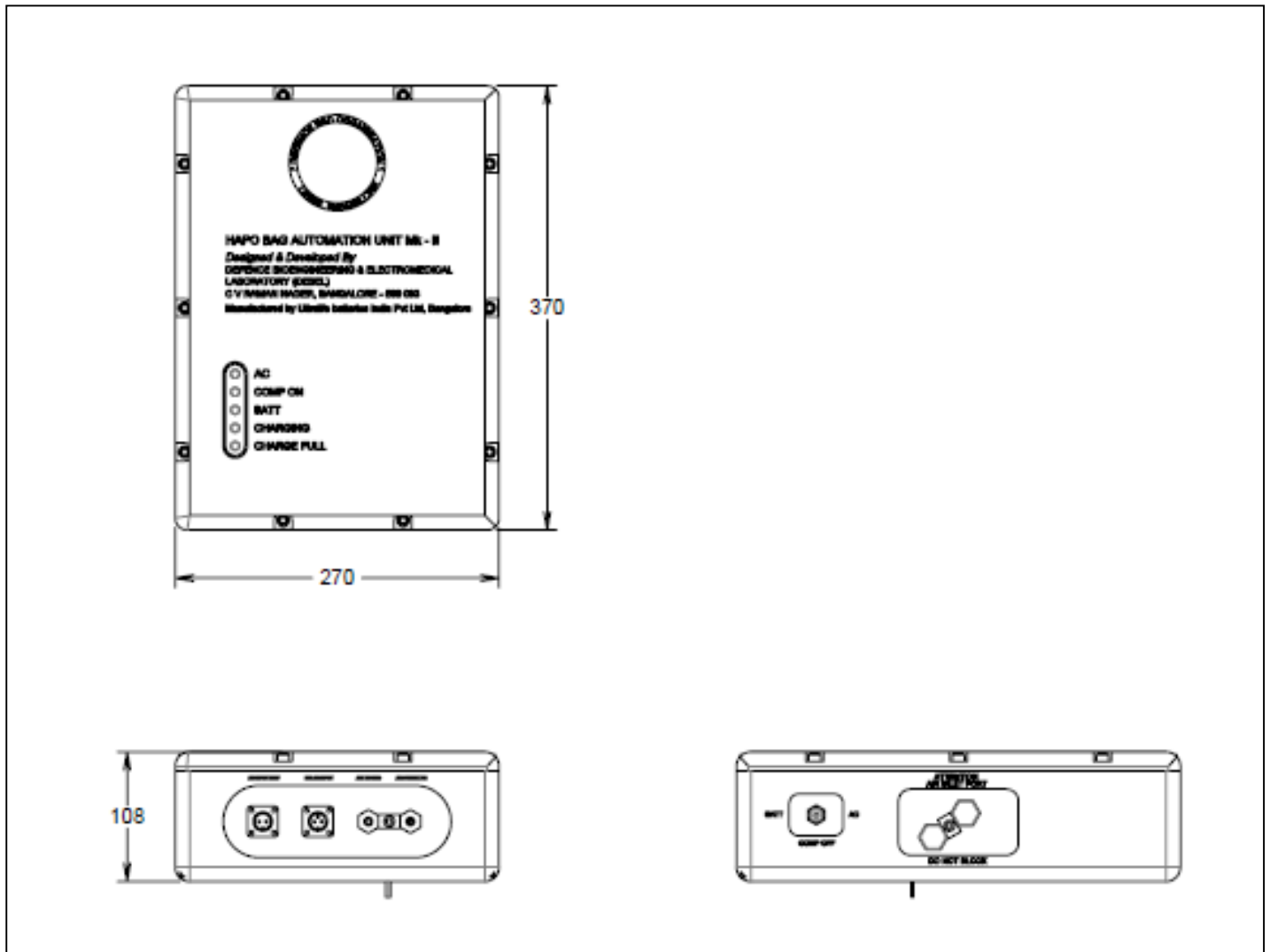
Application

- Used in one man HAPO chamber, it is a life saving device that provides emergency treatment to HAPO, a condition characterized by breathlessness, tachycardia, tachypnoea, mild fever and cough, beside blood stained sputum & accumulation of fluids in lungs.

HAPO Automation Unit Consists Of Following Items

Air Compressor	Make: Parker's T-Squared Miniature Diaphragm	P/N: TI-2HD-12-1NEA
Power Supply	Make: XP Power	P/N: ECP225PS12
Pressure Switch	Make: Design Flex	P/N: PSF-103 9011-904
Battery	Make: Ultralife Batteries India Pvt Ltd.	P/N: ULIN302S09

Dimensional Drawing



UDP-01

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