Medi-Xtender
UPS For Medical Fridges

Features

- Pre-programmed 'plug and play' design
  No need for an electrician or lengthy setup

- 98% efficient while on mains

- Upto 24 hours battery back up

- Fast battery recharge time

- Remote mains fail alarms (optional)

- Automatic voltage regulation with surge protection

- Manufactured to customer's specifications

Runtime in minutes

Size in Litres/ Motor Size	MEDIX1	MEDIX2	MEDIX3	MEDIX4	MEDIX5	MEDIX6	MEDIX7	MEDIX8	MEDIX9	MEDIX10
	3x 9AH	9x 9AH	12x 9AH	15x 9Ah	18x 9AH	9x 26AH	12x 26AH	15x 26AH	21x 26AH	30x 26AH
300L / 180-250W	85	255	340	425	510	680	935	1130	1581	2142
380L / 250-320W	74	222	296	370	444	592	814	982	1376	1864
600L / 320-480W	63	189	252	315	378	504	693	837	1171	1587
1000L / 480-600W	45	135	180	225	270	360	495	598	837	1134

* Runtimes have been calculated and averaged out with fridge sizing and power consumption worked out on a duty cycle of 1/3, testing performed on site and in a controlled environment operating at 22.5 degrees.
* Runtimes may vary for different fridge makes and models and due to site conditions.
* Use runtimes as estimations only.

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PSS
Power Systems Solutions

Specifications

Specifications	
Model	Medi-Xtender
Capacity	2KVA/1600W
Input	
AC Voltage	175 - 290Vac
Frequency	45 - 55 Hz or 55 - 65Hz
Output	
Battery Mode Voltage	220V, 230V, 240VAC LCD selectable
Frequency	50/60 Hz + / - 0.3Hz
Wave form	Pure sine wave
Harmonic Distortion	$\leqslant$ 5% (Linear Load)
Transfer time	$\leqslant$ 10ms
Eco Mode	Standard
Efficiency	
AC Mode	Max 98%
Battery Mode	Max 85% (Linear Load)
Battery	
DC Voltage	36V
Quantity and type	3 x 12V Sealed maintenance free lead acid batteries
Typical Recharge Time	8 hours recover to 90% capacity
Battery Low Shutdown Point	Single battery 10.2Vdc (Default), 9.6-11.5Vdc adjustable
Protection	
Full Protection	Overload, Short circuit protection, Battery overcharge and discharge protection
Alarm	
Battery Mode	Beeps every 5 seconds, silent after 60 seconds
Battery Low	Beeps every 0.16 second
Overload	Beeps every 2 seconds
Comms & Management	
Ports	USB and RJ45 standard
Optional	Relay / SNMP
Hot Swappable Battery	Yes
Characteristics	
Audible Noise	$\leqslant$ 50 dB at 1 Metre
Temperature	0-40°C
Humidity	10-90% RH (non-condensing)

Dimensions and Weight

Models	MEDIX1	MEDIX2	MEDIX3	MEDIX4	MEDIX5	MEDIX6	MEDIX7	MEDIX8	MEDIX9	MEDIX10
Dimensions LxDxH (mm)	132x450x440	220x500x440	330x500x440	330x500x440	330x500x440	500x670x867	500x670x867	500x670x867	805x670x867	805x670x867
Weight (kg)	21.3	42.7	49.9	57.1	64.3	115.1	139.7	164.3	233.5	302.3

Communication Accessories

SW012
SNMP Card - Remote monitoring and access to UPS via assigned IP address

SW013
Relay Card - Trigger voltage free contacts to reflect UPS events and status

SW014
RS232 - Cereal port connection

Recommended Accessories

RK1000
L Rail -Telescopic rail for rack mounting UPS (490-720mm)

LLB9
Long Life Batteries - 10-year design life battery upgrade

10 year design life

N12754

Specifications are subject to change without prior notice