

DY TECHNOLOGY

Inverter HV-2A

Product Data Sheet

Description

HV-2A is a small portable battery pack inverter designed to drive up to 1.5m (5ft) of EL fiber.

Features

- Two operating modes:
Continuous and Blinking
- Portable
- Battery operated by 2 x AA 1.5VDC
- Low power consumption.
- Low audible noise
- CE approved
- LED Power on indicator

Applications

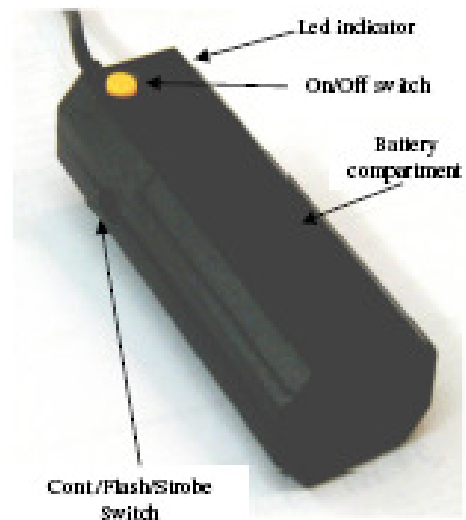
- Do it yourself
- Home decoration
- Garment decoration
- Improves visibility for night jogging
- Home made signs
- Party and event centerpiece

Mechanical Specifications

Dimensions (LxWxH): 100 x 35 x 20 (mm)
3.9 x 1.4 x 0.8 (inch)
Weight: 95 g (with batteries)
Operating Temperature: -10 ÷ 60 (°C)
Storage Temperature: -20 ÷ 65 (°C)
Relative Humidity: 70% RH

Electrical Specifications

- Input Voltage: 2.5 – 3.0 (VDC)
- Battery Type: 2 x AA 1.5 (VDC)
- Input Current Range (with load): 220 - 470 (mA)
- Output Frequency: 1.4 – 1.7 (kHz)
- Output Voltage Range: 143 - 210 (Vrms)
- LyTec fiber Length: 0.6 – 1.5 (meter)
- Battery Lifetime for 1m Wire
(Operating on Alkaline batteries): 30 hours – blinking
10 hours – continuous



Input Voltage	LyTec Length		Input Current	Output Voltage	Frequency
	[VDC]	[m]			
2.5	0.6	2.0	245	185	2.3
2.5	1.0	3.3	300	156	1.7
2.5	1.5	5.0	340	143	1.4
3	0.6	2.0	325	210	2.3
3	1.0	3.3	410	190	1.7
3	1.5	5.0	470	172	1.4
Tolerance	± 2%		± 7%	± 5%	± 5%

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