

DY TECHNOLOGY

Mini Driver IM-8

Product Data Sheet

Description

IM-8 is a small portable battery pack inverter designed to drive up to 60 cm (2.0 ft) of EL fiber.

Features

- Operating mode: Continuous & Blinking
- Portable
- Battery operated by two CR2032 cells
- Low power consumption
- Indoor & Outdoor use
- **CE** Approved

Applications

- Do it yourself Gadgets
- Home Items decoration
- Portable Items decoration
- Improves visibility for night Applications
- Jogging and bicycle riders
- Parties and events

Electronically Specifications

- Input Voltage: 4 - 6 (VDC)
- Battery Type: 2 x CR2032 cells
- Input Current (With load): 10 - 40 (mA)
- Output Frequency: 3.9 - 6.5 (KHz)
- Output Voltage Range: 76 - 122 (Vrms)
- EL fiber Length: 15 - 60 (cm)
- Battery Lifetime: Cont. 35cm - up to 3 hrs
Blink 35cm - up to 18 hrs

Mechanical Specifications

- Dimensions (LxWxH): 43.2 x 23.6 x 10.1 mm
1.7 x 0.93 x 0.34 (inch)
- Weight: 13g (incl. batteries)
- Operating Temperature: -10 - 60 (°C)
- Storage Temperature: -20 - 65 (°C)
- Relative Humidity: 70% RH

Input Voltage	EL Wire Length		Input Current	Output Voltage	Frequency
	[VDC]	[cm] [ft]			
4.0	15	0.5	10	83	4.6
4.0	25	0.8	10	80	4.4
4.0	35	1.1	20	78	4.2
4.0	45	1.5	20	76	3.9
5.0	15	0.5	10	103	5.5
5.0	25	0.8	20	100	5.3
5.0	35	1.1	30	96	5.0
5.0	45	1.5	35	91	4.7
6.0	15	0.5	30	122	6.5
6.0	25	0.8	30	116	6.1
6.0	35	1.1	40	110	5.7
6.0	45	1.5	40	102	5.3
Tolerance	± 2%		± 10%	± 5%	± 3%



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