

DY TECHNOLOGY

Portable Inverter IM-5

Product Data Sheet

Description

IM-5 is a portable battery pack inverter designed to drive up to 5M (16ft) of EL Wire, it is also operated with an external AC/DC transformer

Features

- Operating mode: Continuous & Blinking
- Blinking rate adjustable knob
- Portable (Belt Clip)
- Battery operated by 4 AAA batteries
- DC Jack for external AC/DC Transformer
- Low power consumption
- Indoor & Outdoor use
- **CE** Approved

Applications

- Do it yourself Gadgets
- Night Parades
- Home and Garden items decoration
- Portable Items decoration
- Stage performances (cloth)
- Improves visibility for night Applications
- Jogging and bicycle riders
- Parties and events

Input Voltage	EL Wire Length		Input Current	Output Voltage	Frequency
	[m]	[ft]			
[VDC]	[m]	[ft]	[mA]	[Vrms]	[KHz]
5	2	6.5	80	94	2.4
5	3	9.8	90	90	2.1
5	4	13.1	100	87	1.9
5	5	16.4	110	84	1.6
6	2	6.5	100	112	2.3
6	3	9.8	120	108	2.0
6	4	13.1	130	103	1.9
6	5	16.4	150	99	1.7
7	2	6.5	120	131	2.4
7	3	9.8	150	125	2.0
7	4	13.1	160	119	1.8
7	5	16.4	180	114	1.7
Tolerance	± 2%		± 10%	± 5%	± 3%

Electrical Specifications

- Input Voltage: 5 - 7 (VDC)
- Battery Type: 4 x AAA Batteries
- Input Current (With load): 50 - 180 (mA)
- Output Frequency: 1.7 - 2.3 (KHz)
- Output Voltage Range: 84 - 130 (Vrms)
- EL Wire Length: 2.0 - 5.0 (m)
- Battery Lifetime: Cont. 2.5m - up to 15 hrs
Blink 2.5m - up to 30 hrs

Mechanical Specifications

- Dimensions (LxWxH): 61 x 59.5 x 28 mm
2.4 x 2.35 x 1.10 (inch)
- Weight: 74.2g (w/o batteries)
- Operating Temperature: -10 - 60 (°C)
- Storage Temperature: -20 - 65 (°C)
- Relative Humidity: 70% RH



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