

ZHONG SHAN SHI RUI XIAN ELECTRONICS FACTORY

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Product Data Sheet

P/N:EL INVERTER

MODE: EF-IM5-EL-1

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Description:

EF-IM5-EL-1 is a small portable battery pack inverter designed to drive up to 3m of EL Wire.

Features:

1. Two operating modes: Continuous and Blinking
2. Portable.
3. Battery operated by two AA 1.5VDC.
4. Low power consumption.
5. Low audible noise.
6. Indoor use.

Applications:

1. Do it yourself.
2. Home decoration
3. Car decoration.
4. Home made signs.
5. Improves visibility for night jogging and bicycle riders
6. Party and event centerpiece.

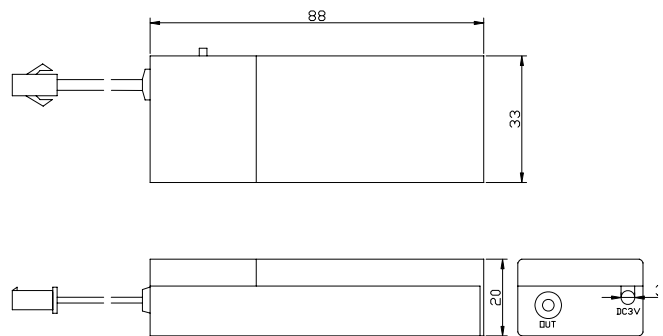
Electronical pecifications:

Input Voltage: 3VDC
 Input Current Range (with load): 0.35 – 0.50 (A)
 Output Frequency: 0.5 – 1.3 (KHz)
 Output Voltage Range:71 – 135 (Vrms)
 EL Wire Length: 1 – 5 (meter)
 Not load:155V 30MA

Mechanical Specifications:

Dimensions (L x W x H): 88 x 33 x 20 (mm)
 Weight: 45 g
 Operating Temperature: -20 – 60 (°C)
 Storage Temperature: -20 – 65 (°C)
 Relative Humidity: 70% RH

LyTec™ M1S Length	Input Voltage	Input Current	Frequency	Output Voltage
[m]	[VDC]	[mA]	[KHz]	[Vrms]
0.5	3	60	1.3	132
1	3	80	1	127
2	3	100	0.8	109
3	3	130	0.72	96
4	3	150	0.65	92
5	3	170	0.6	83
LyTec™ 48S HB Length	Input Voltage	Input Current	Frequency	Output Voltage
[m]	[VDC]	[mA]	[KHz]	[Vrms]
1	3	120	1.2	100
2	3	150	1	90
3	3	160	0.7	85
4	3	180	0.55	76
5	3	200	0.51	71



Remarks : Test data for reference purposes only! Please order samples to confirm