

DC - AC INVERTER



Inverters are a necessary part of any EL project (EL Wire , EL Sheet and any Electroluminescent product) . Choose your inverter wisely. Output frequency (Khz or hz) will change the brightness level of your project. Also , some inverters are the blinking type. For examples , Pay close attention the wire length that a particular inverter will run. If you choose an inverter that runs 15 feet of wire, and you attach 30 feet of wire to it, it will be quite dim and the inverter may fail prematurely.

The main consideration is the output frequency . A 400hz inverter will be much dimmer than an inverter that runs at 2Khz (2000hz.) Also, if you are using your inverter for costume use, a small battery pack may be the best choice. Use one of the 3 , 4.5 , 6 or 9 volt inverters, or one of the small inverters with the battery pack built in. If you working in a vehicle, or where you can plug a transformer into the wall, a 12 volt inverter may be the best choice !



I. C. ENGINEERING LIMITED

工業控制有限公司

UNIT 23, 12/F, BLOCK B, HI-TECH IND. CENTRE, 491-501 CASTLE PEAK ROAD,
TSUEN WAN, N.T., HONG KONG.

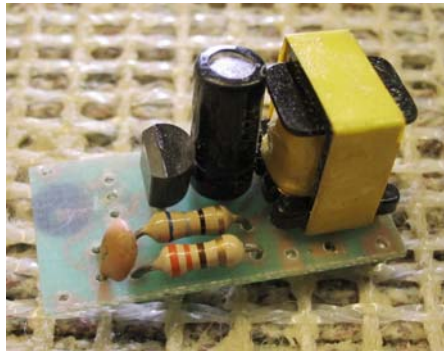
香港新界荃灣青山道 491 ~ 501 號嘉力工業中心 B 座 12 樓 23 室

TEL. : (852)2414 9121 , (852)24149149 FAX. : (852)2412 2879

EMAIL : icinfo@fbice.com

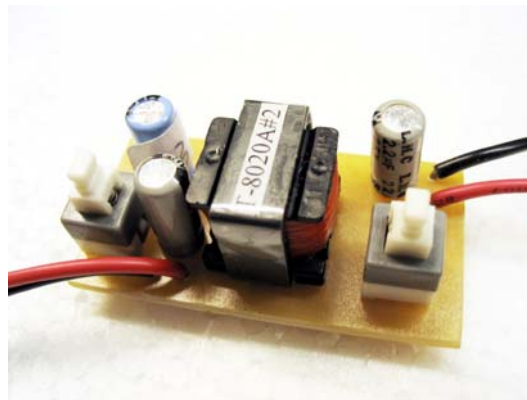
WEBSITE : <http://www.fbice.com>

Part No. : SOT-30200



Inverter Module Size	28mm x 14mm x 14mm (L x W x H)
Input Voltage (DC)	3V
Output Voltage (AC)	155Vp-p
Current	140mA
Frequency	1700Hz
E.L. Area	80cm ²
Operating Mode	Continuous ON Mode

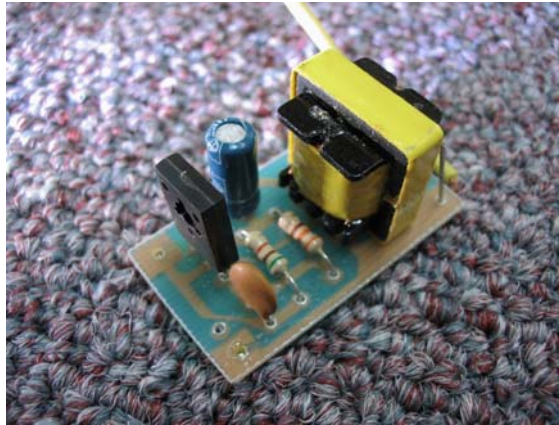
Part No.: ICE-3F



Inverter Module Size	41mm x 21mm x 15mm (L x W x H)
Input Voltage (DC)	3V
Output Voltage (AC)	250Vp-p
Current	110mA
Frequency	1000Hz
E.L. Area	80cm ²
Operating Mode	Continuous ON Mode / Fash Mode

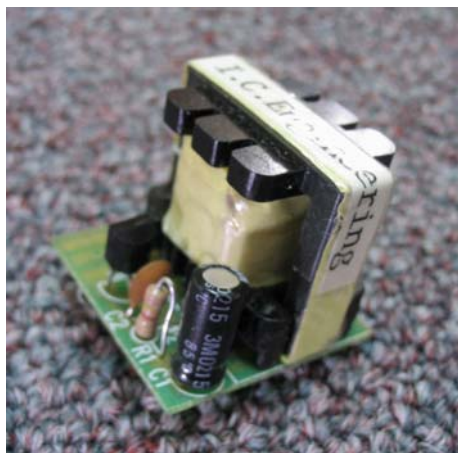
* The above specofocations are subject to change without notice.

Part No. : SOT-90301



Inverter Module Size	34mm x 20mm x 18mm (L x W x H)
Input Voltage (DC)	5V
Output Voltage (AC)	240Vp-p
Current	148mA
Frequency	1000Hz
E.L. Area	120cm ²
Operating Mode	Continuous ON Mode

Part No. : IV109-5V0



Inverter Module Size	27mm x 25mm x 25mm (L x W x H)
Input Voltage (DC)	5V
Output Voltage (AC)	280Vp-p
Current	107mA
Frequency	1200Hz
E.L. Area	190cm ²
Operating Mode	Continuous ON Mode

* The above specofocations are subject to change without notice.