



Endicott Research Group, Inc.

2601 Wayne St., Endicott NY 13760
607-754-9187 Fax 607-754-9255
<http://www.ergpower.com>

E2388

Specifications and Applications Information

06/01/00

Preliminary

The E2388 (E200II Series) dc to ac inverter is specifically designed to power the LG LC064N1/LP064V1 LCD display to a moderate brightness level from a +5 volt dc source.

The E2388's small size, encapsulated package makes it the ideal power source for applications where small size, high efficiency and reliability are critical.

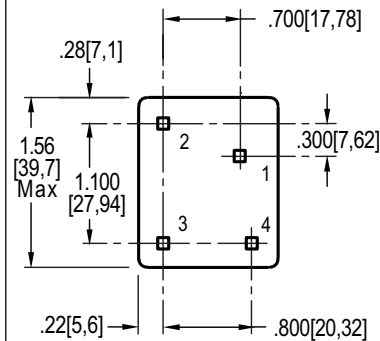
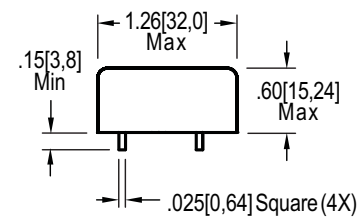
This inverter is designed to satisfy the most common cold-cathode lighting requirements for the LG LC064N1/LP064V1 display. Custom units, providing different inputs, outputs or package refinements are available.

Single Tube DC to AC Inverter



E200II Package

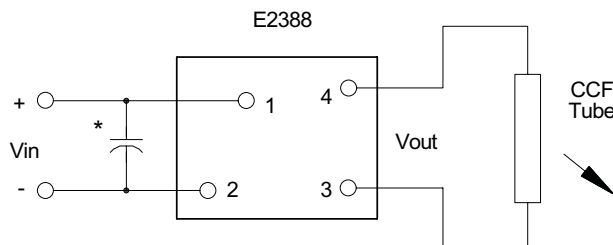
Package Configuration



1. Vin(+)
2. Vin(-)
3. Vout(AC)
4. Vout(AC)



Connection Diagram



* Input bypass capacitor may be required (10uf - 100uf)

Electrical Characteristics (Nominal)

Input Current	.2 Adc
No Load Output Voltage	1000 Vrms
Output Current	5 mArms
Tube Voltage	355 Vrms
$(V_{IN} = 5.0 \text{ Volts DC}, T_A = 25^\circ \text{C})$	