



## Endicott Research Group, Inc.

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<http://www.ergpower.com>

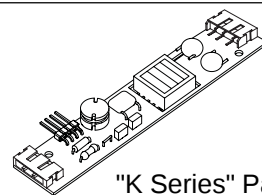
# K2361

## Specifications and Applications Information

04/06/00

Preliminary

8m Class  
2 Tube DC to AC Inverter



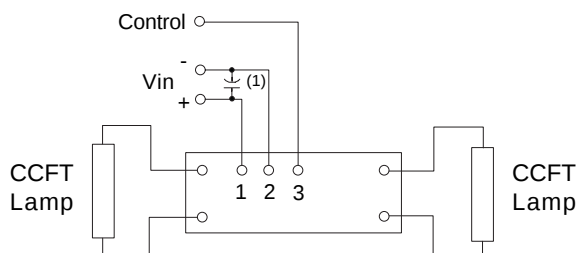
"K Series" Package

The ERG K2361 (8m Class) low profile dc to ac inverter is specifically designed to power the Kyocera KCB104SV2AA-A20/VG2BA-A03 LCD display module to a moderate brightness level from a +12 volt dc source.

This low profile inverter features:

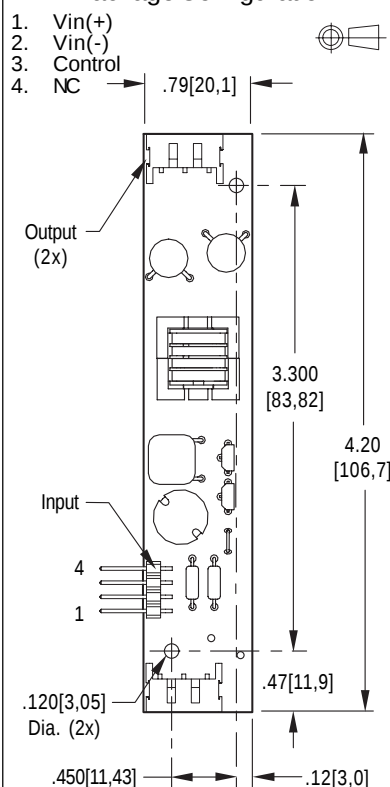
- ✓ Less Than 8 mm in Height
- ✓ LCD Module Specific
- ✓ Display Compatible Output Connector
- ✓ Firm Specifications
- ✓ Application Information
- ✓ Designed, Manufactured and Supported in the USA
- ✓ Custom Input and Output Voltages
- ✓ Flexible System Interface
- ✓ Notebook Display Head Compatible

### Typical Connection



\* Input by-pass capacitor (25 uf - 100uf) may be required.

### Package Configuration



### Electrical Characteristics (Nominal)

|                                                             |           |
|-------------------------------------------------------------|-----------|
| Input Current                                               | .56 Adc   |
| No Load Output Voltage (Min.)                               | 1270 Vrms |
| Output Current (per tube)                                   | 5.0 mArms |
| Tube Voltage                                                | 520 Vrms  |
| $(V_{IN} = 12.0 \text{ Volts DC}, T_A = 25^\circ \text{C})$ |           |