

D Series



5 Volt Input Dc to Ac Inverter

D05E50

The D05E50 is a generic dc to ac inverter designed to generate 5 marms into a 270 - 370 volt load (CCFT) from a nominal 5 volt dc source.

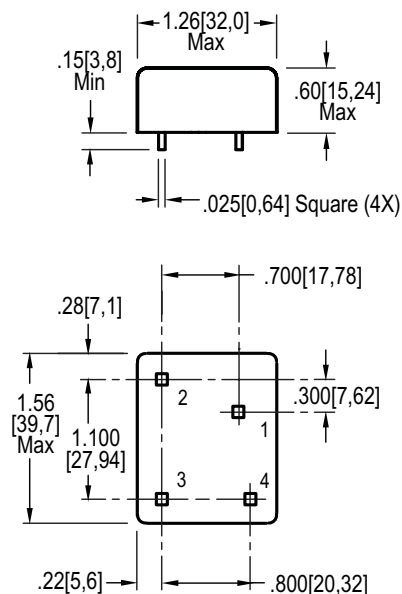
FEATURES

- Full Encapsulation
- PC Mountable
- High efficiency

PHYSICAL SPECIFICATIONS

Size: 1.56" x 1.26" x .60"
Weight: 39 grams
Operating Temperature: 0° to +70°C
Storage Temperature: -40° to +85°C
Humidity: 95% RH (Non-Condensing) Max

Characteristics	Value	Units	Note(s)
Input Voltage	4.5 - 5.5	Volts dc	
Input Current	.42 typ	Adc	$R_L = 64 \text{ Kohms}$
Minimum No Load Output Voltage	1100	Vrms	$V_{in} = 5.00 \text{ Vdc}$
Frequency	39 typ	Khz	$V_{in} = 5.00 \text{ Vdc}$
Output Current	5.0	marms	$R_L = 64 \text{ Kohms}$
Efficiency	76	%	Typical
The maximum input current (which indicates an overload condition) is .55 Adc maximum			



Inverters specifically designed to match most popular LCD modules are also available. Contact your authorized distributor or ERG direct.

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

Endicott Research Group, Inc.

2601 Wayne Street Endicott, New York 13760

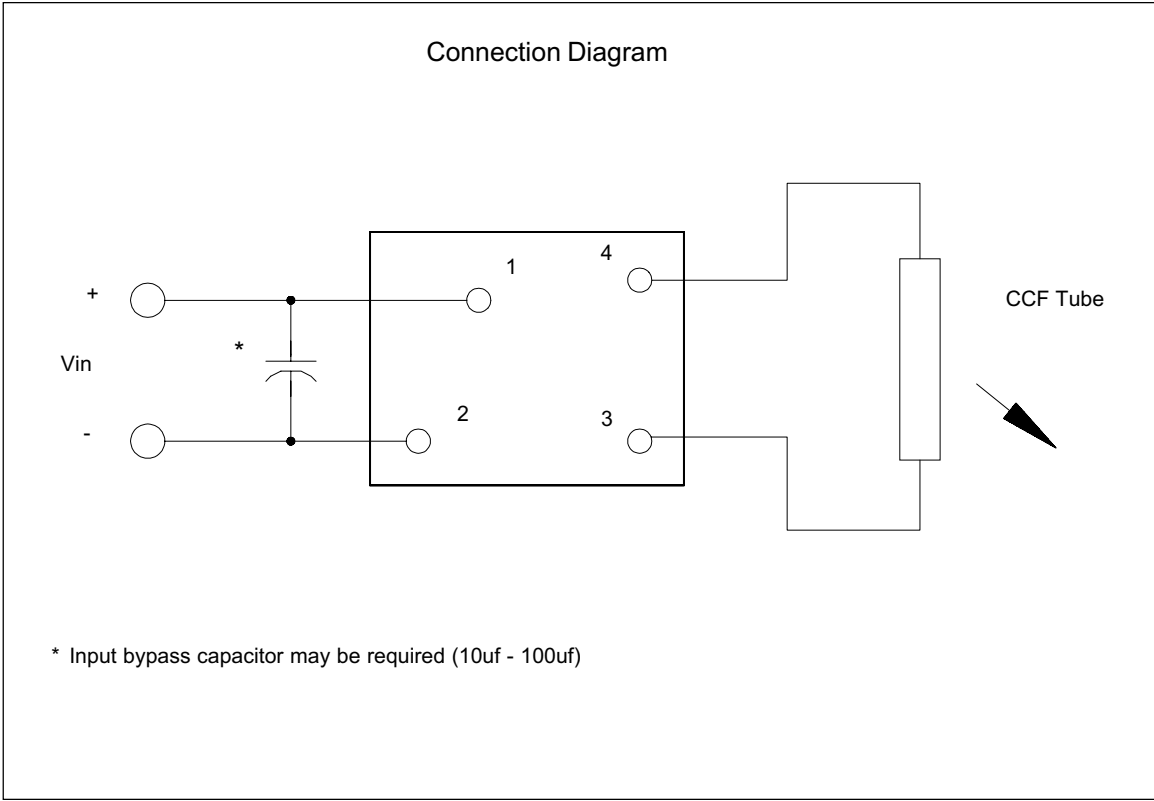
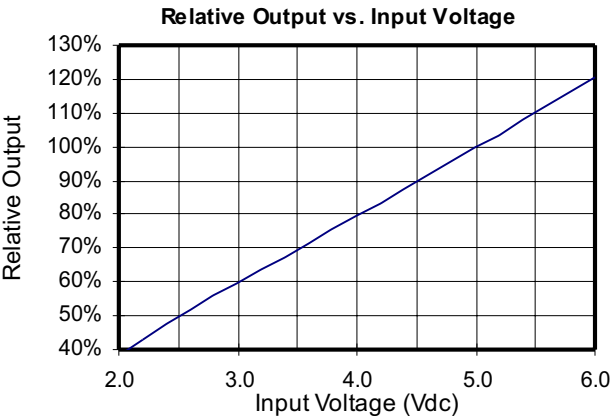
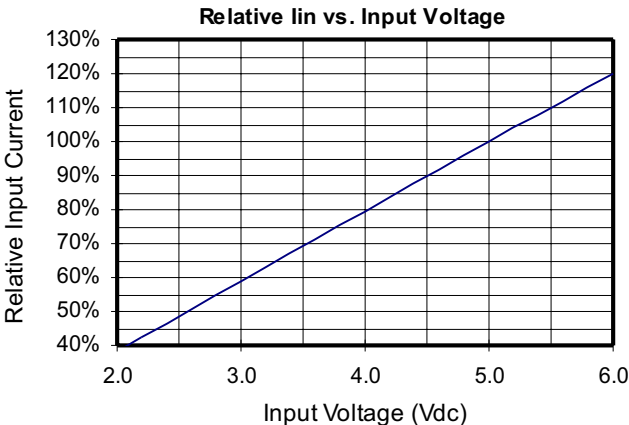
607-754-9187 fax 607-754-9255

<http://www.ergpower.com>

Connection and Application Information

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Specifications are subject to change without notice.

11/10/00

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