

D Series



12 Volt Input Dc to Ac Inverter

D12EE60

The D12EE60 is a generic dc to ac inverter designed to generate 6 marms into a 400 - 600 volt load (CCFT) from a nominal 12 volt dc source.

FEATURES

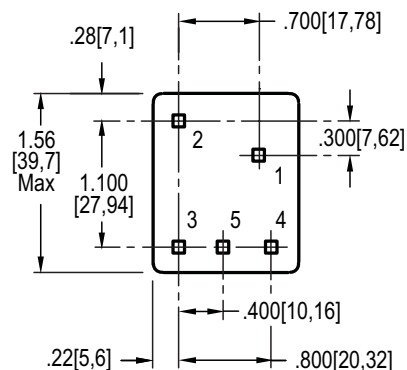
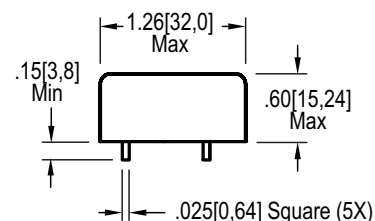
Full Encapsulation
PC Mountable
High efficiency

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	10.8 - 13.2	Volts dc	
Input Current	.63 typ	Adc	$R_L = 83.3 \text{ Kohms}$
Minimum No Load Output Voltage	1500	Vrms	$V_{in} = 12.00 \text{ Vdc}$
Frequency	35 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current per tube	6.0	marms	$R_L = 83.3 \text{ Kohms}$
Efficiency	80	%	Typical
The maximum input current (which indicates an overload condition) is .72Adc 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. Common
4. Vout(AC)
5. Vout(AC)



Endicott Research Group, Inc.

2601 Wayne Street Endicott, New York 13760

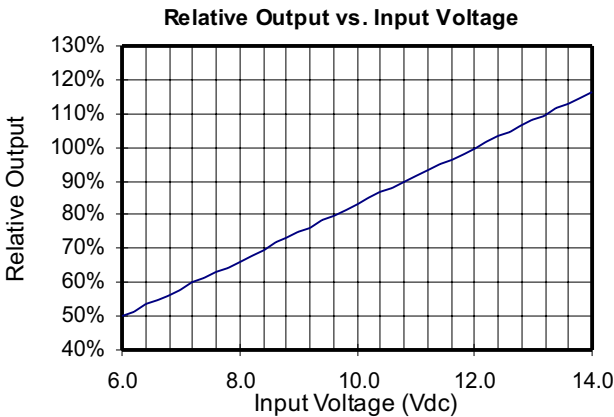
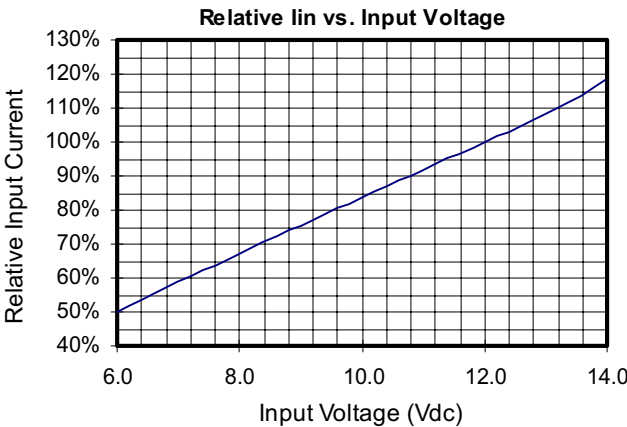
607-754-9187 fax 607-754-9255

<http://www.ergpower.com>

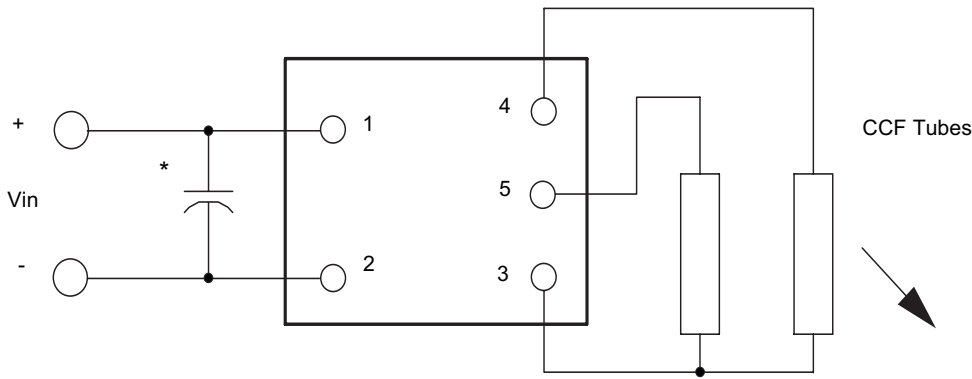
Connection and Application Information

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Connection Diagram



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



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Specifications are subject to change without notice.

01/17/01

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