

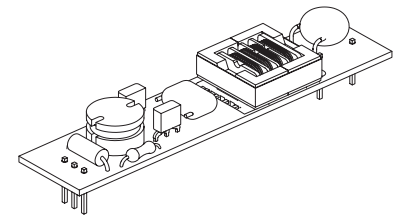
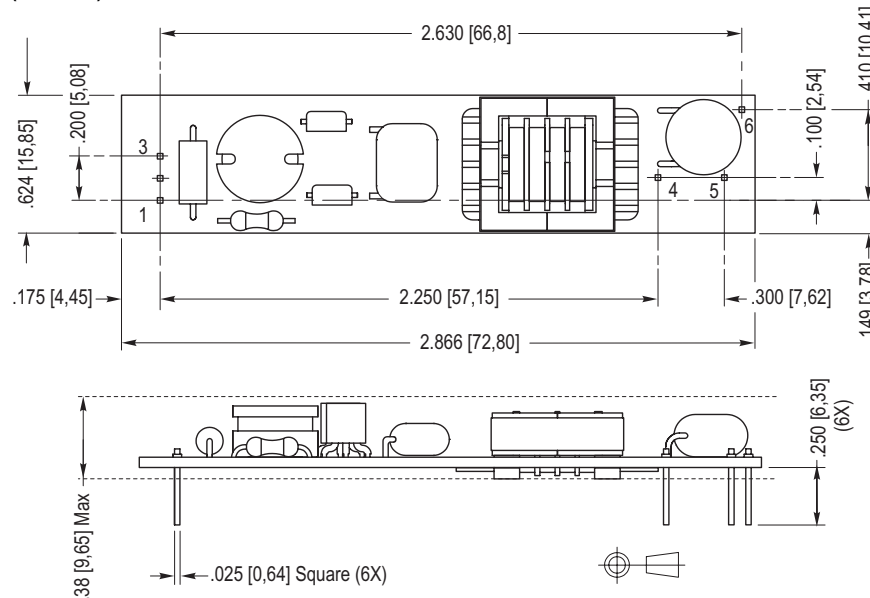
D Series



12 Volt Input Dc to Ac Inverter

D12P50

The D12P50 is a generic dc to ac inverter designed to generate 5 marms into a 270 - 370 volt load (CCFT) from a nominal 12 volt dc source.



- | | |
|------------|---------|
| 1. -Vin | 4. Vout |
| 2. +Vin | 5. Vout |
| 3. Control | 6. nc |

PHYSICAL SPECIFICATIONS

Size: .62" x 2.87" x .38"
 Weight: 12 grams
 Operating Temperature: 0° to +70°C
 Storage Temperature: -40° to +85°C
 Humidity: 95% RH (Non-Condensing) Max

FEATURES

Low Profile
 PCB Mountable
 High efficiency

Characteristics	Value	Units	Note(s)
Input Voltage	10.8 - 13.2	Volts dc	
Input Current	.18 typ	Adc	$R_L = 64 \text{ Kohms}$
Minimum No Load Output Voltage	1100	Vrms	$V_{in} = 12.00 \text{ Vdc}$
Frequency	36 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current	5.0	marms	$R_L = 64 \text{ Kohms}$
Efficiency	75	%	Typical
The maximum input current (which indicates an overload condition) is 1.0 Adc maximum			

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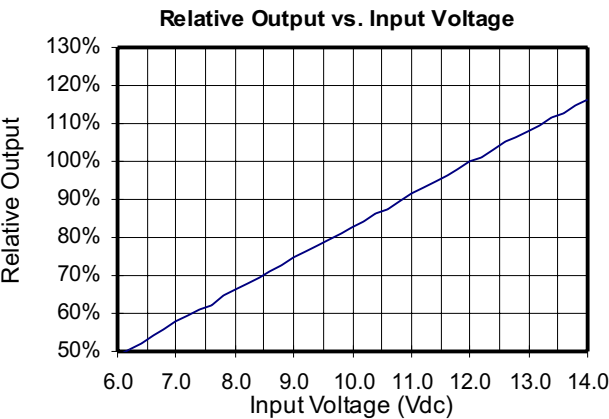
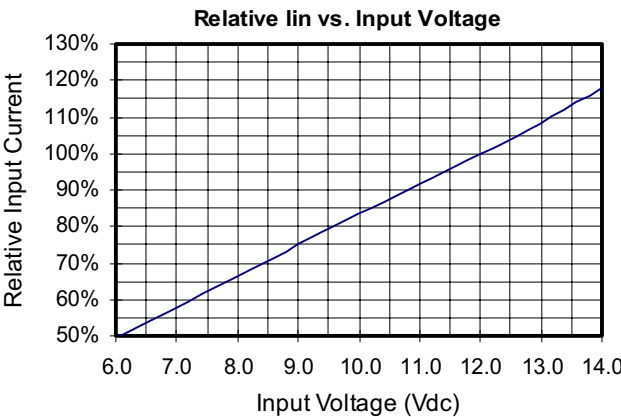
2601 Wayne Street Endicott, New York 13760
 607-754-9187 fax 607-754-9255
<http://www.ergpower.com>

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

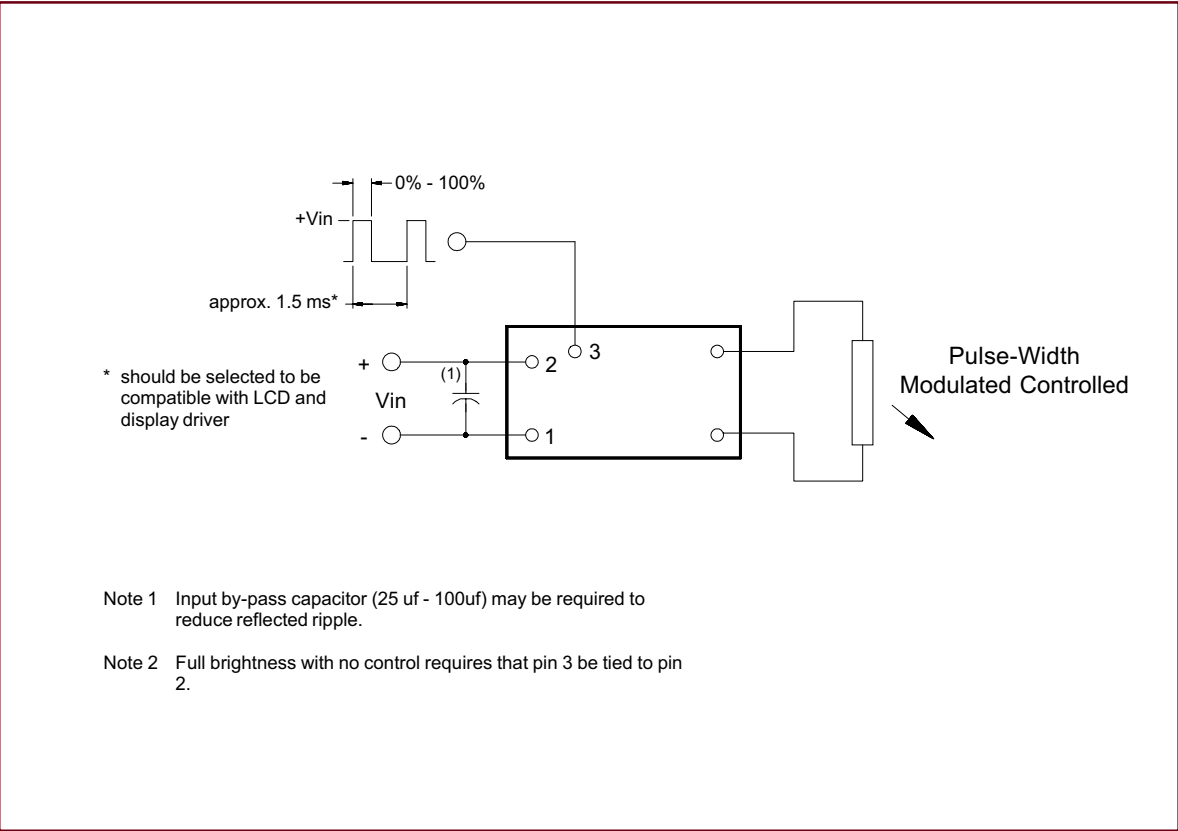
Connection and Application Information

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Dimming Option



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Specifications are subject to change without notice.

11/03/00

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