

D Series



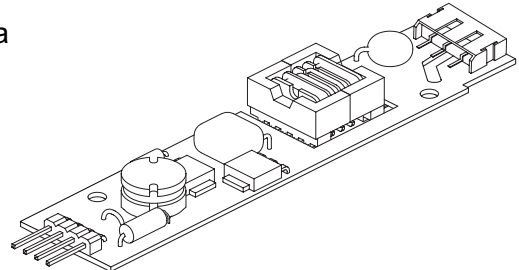
12 Volt Input Dc to Ac Inverter

D12M50H

The D12M50H 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.

FEATURES

- Low Profile
- Display compatible connector
- High efficiency



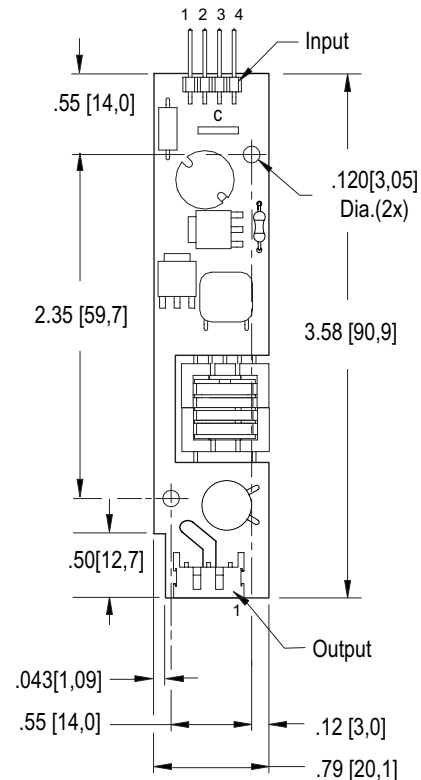
PHYSICAL SPECIFICATIONS

Size: .79" x 3.58" x .32"
(without input connector) (20,1mm x 90,9mm x 8mm)
Weight: 11.4 grams
Operating Temperature: 0° to +70°C
Storage Temperature: -20° to +85°C
Humidity: 95% RH Max

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	35 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current	5.0	marms	$R_L = 64 \text{ Kohms}$
Efficiency	74	%	Typical
The maximum input current (which indicates an overload condition) is 1.0 Adc maximum			

Input Connector: 4 position right angle header
(.025" square, .100" centers)

Output Connector: Honda QZ-19-A3MYL



1. $V_{in}(+)$
2. $V_{in}(-)$
3. Control
4. NC

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

Endicott Research Group, Inc.

2601 Wayne Street Endicott, New York 13760

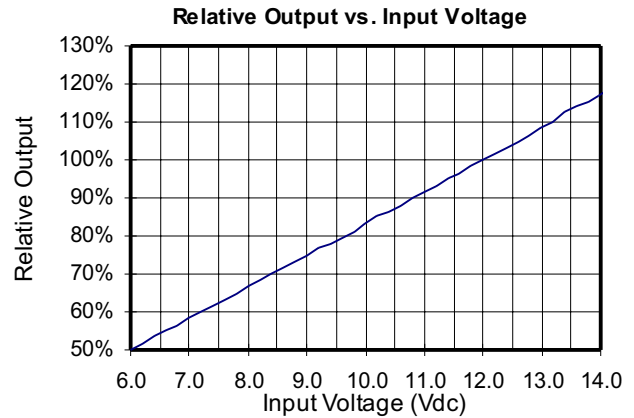
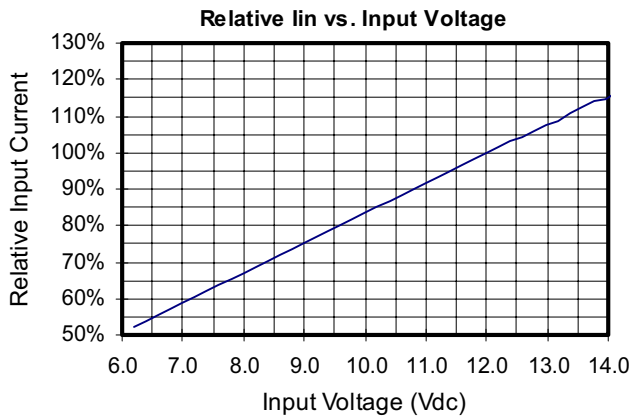
607-754-9187 fax 607-754-9255

<http://www.ergpower.com>

Connection and Application Information

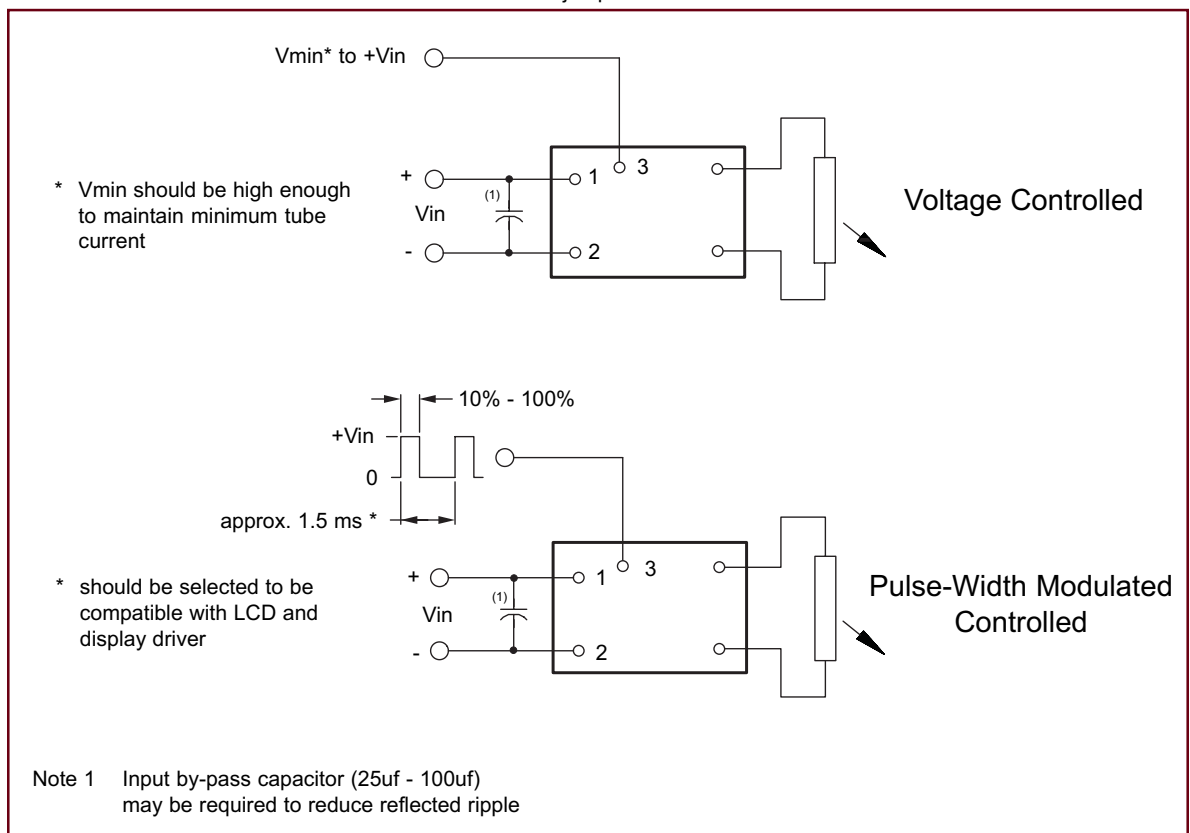
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Dimming and Control Options

With "C" jumper removed



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Specifications are subject to change without notice.

12/27/00

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