

D Series



12 Volt Input Dc to Ac Inverter

D12LM60J

The D12LM60J is a generic dc to ac inverter designed to generate 6 marms into a 500 - 700 volt load (CCFT) from a nominal 12 volt dc source.

FEATURES

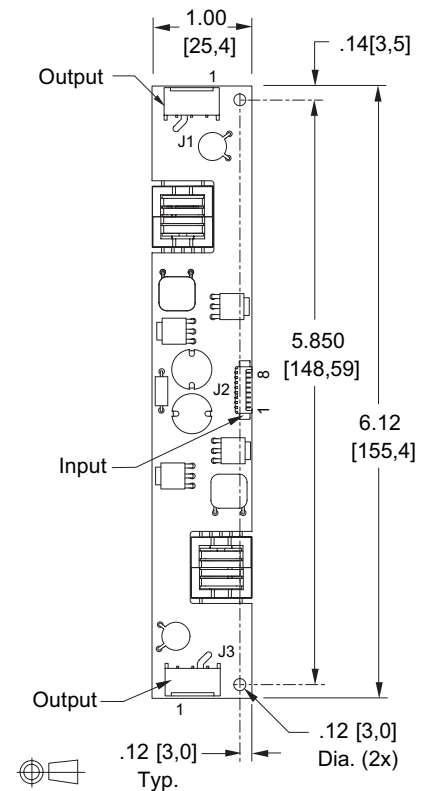
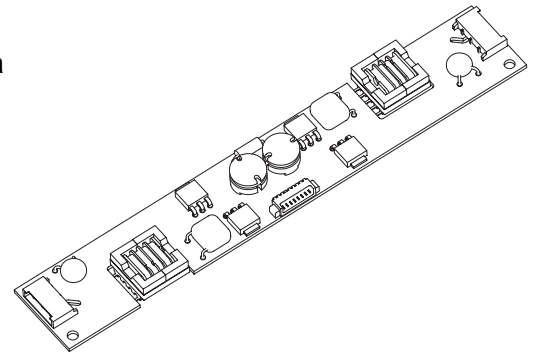
- Low Profile
- Display compatible connector
- High efficiency

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	-0.3 - 13.2	Volts dc	
Input Current	.80 typ	Adc	$R_L = 100 \text{ Kohms}$
Minimum No Load Output Voltage	1500	Vrms	$V_{in} = 12.00 \text{ Vdc}$
Frequency	37 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current per tube	6.0	marms	$R_L = 100 \text{ Kohms}$
Efficiency	74	%	Typical
The maximum input current (which indicates an overload condition) is 1.0 Adc maximum			

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



Pin Descriptions

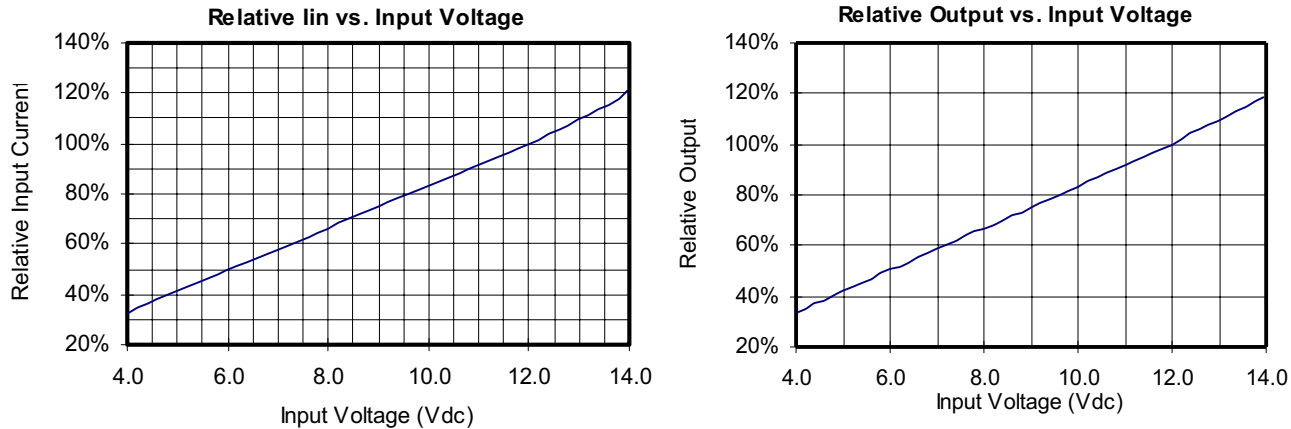
Input Connector		Output Connectors	
MOLEX 532-61-0890		JST SM02(8.0)B-BHS1TB	
J2-1	Vin	J1-1	ACout
J2-2	Vin	J1-2	Common
J2-3	GND	J3-1 ACout J3-2 Common	
J2-4	GND		
J2-5	Control		
J2-6-8	NC		

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<http://www.ergpower.com>

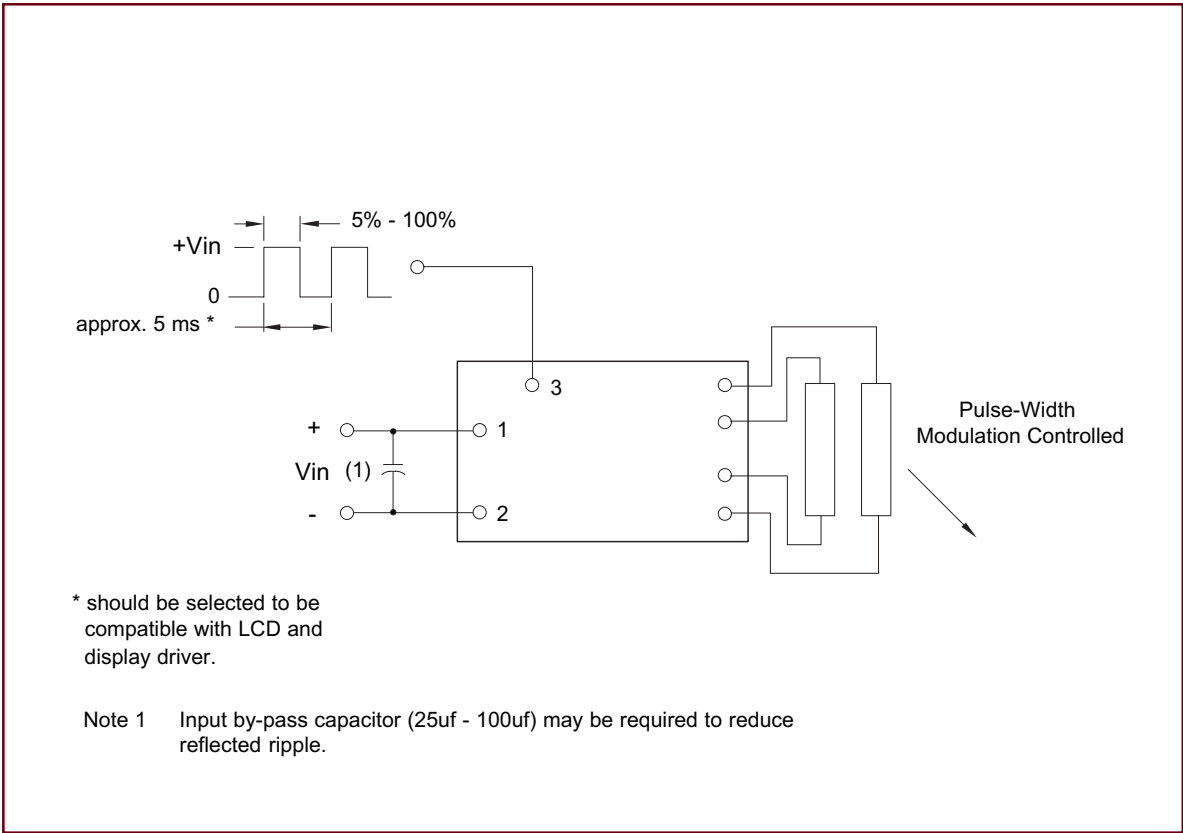
Connection and Application Information

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Dimming Option



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Specifications are subject to change without notice.

02/02/01

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