

D Series



12 Volt Input Dc to Ac Inverter

D12K50H

The D12K50H is a generic dc to ac inverter designed to power 2 CCFT loads generating 5 marms into a 400-600 volt load, from a nominal 12 volt dc source.

FEATURES

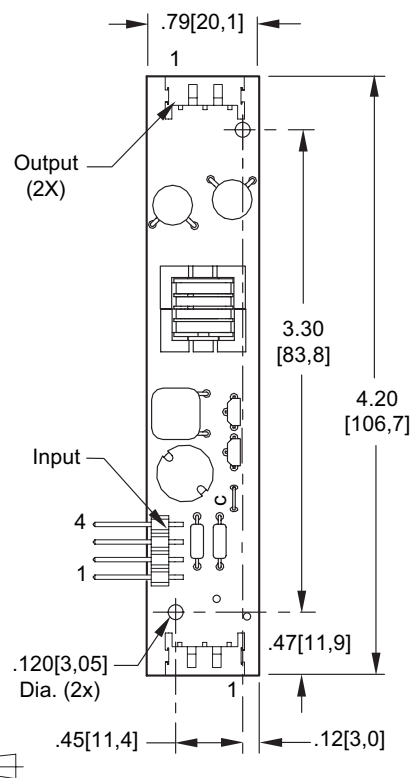
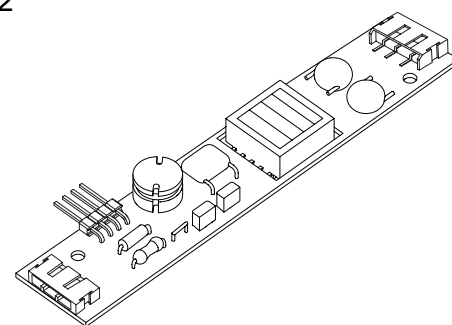
- Low Profile
- Display compatible connector
- High efficiency

PHYSICAL SPECIFICATIONS

Size:	.79" x 4.20" x .32"
(without input connector)	(20,1mm x 106,7mm x 8mm)
Weight:	30 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	.55 typ	Adc	$R_L = 100 \text{ Kohms}$
Minimum No Load Output Voltage	1500	Vrms	$V_{in} = 12.00 \text{ Vdc}$
Frequency	39 typ	Khz	$V_{in} = 12.00 \text{ Vdc}$
Output Current	5.0	marms	$R_L = 100 \text{ Kohms}$
Efficiency	76	%	Typical
The maximum input current (which indicates an overload condition) is .63 Adc maximum			

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



Input Connector

4 pins are 0.315" [8,00] Long, 0.025" [0,63] Square and are on 0.100" [2,54] Centers.

Output Connectors

Honda
QZ-19-A3MYL

J1-1 Vin(+)	J2-1 ACout	J3-1 ACout
J1-2 GND	J2-2 NC	J3-2 NC
J1-3 Control *	J2-3 ACout	J3-3 ACout
J1-4 NC		

* Valid when the "C" Jumper is removed

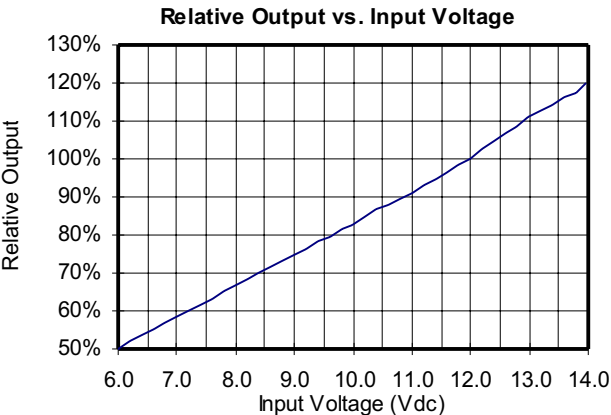
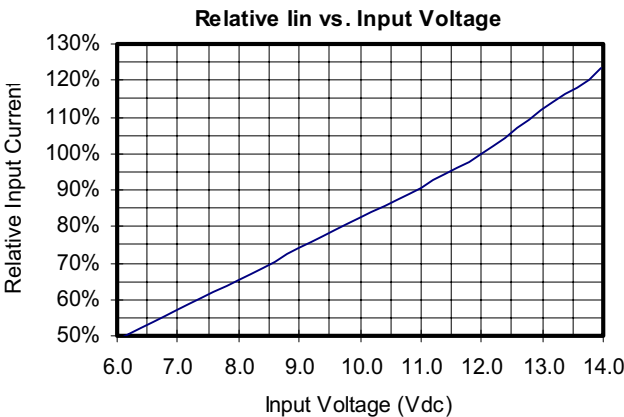
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2601 Wayne Street Endicott, New York 13760
607-754-9187 fax 607-754-9255
<http://www.ergpower.com>

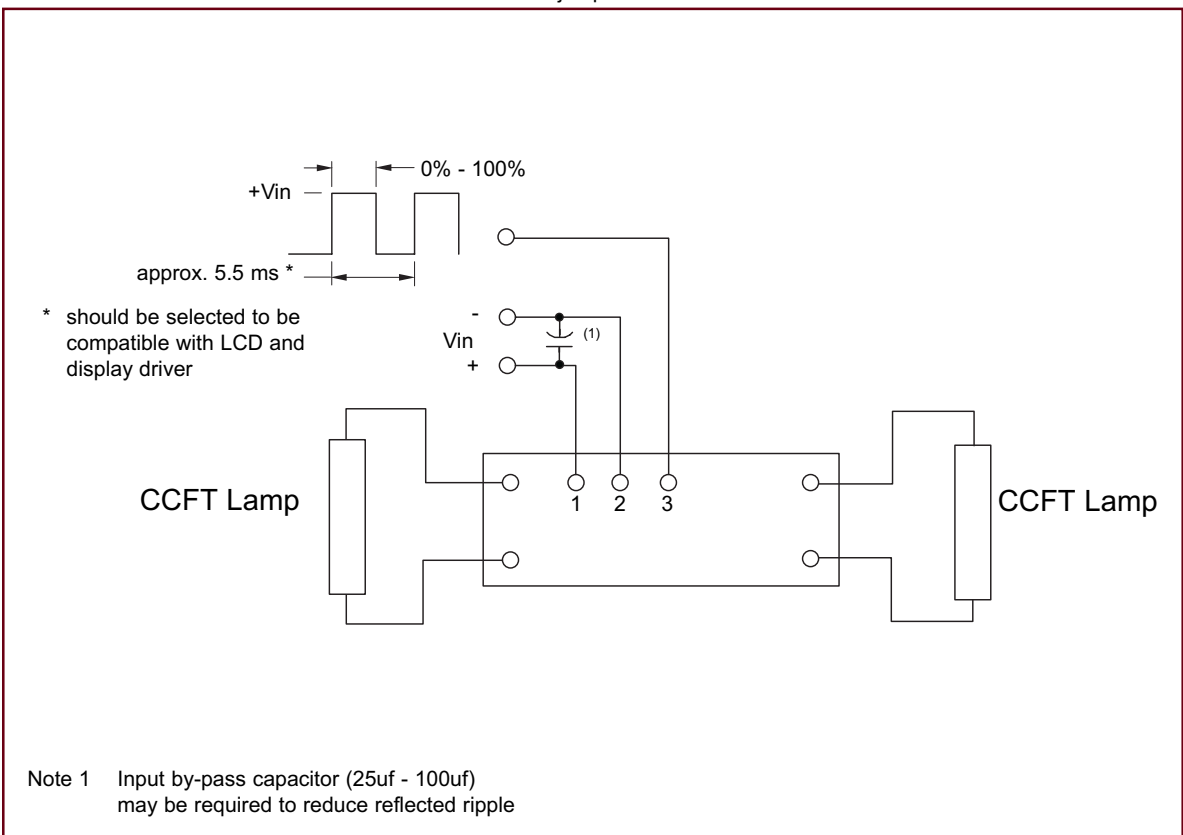
Connection and Application Information

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Dimming Option With "C" jumper removed



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Specifications are subject to change without notice.

12/29/00

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