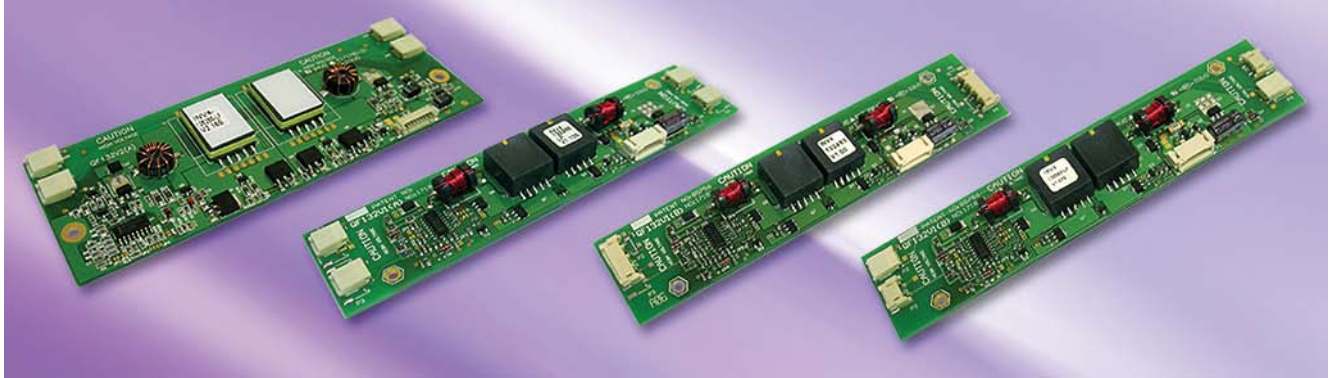


4 CCFLs Series



Overview:

The Spectrah INV4 series DC to AC inverter is designed to power 4 tubes backlight. It is a high frequency and high efficiency switching power supply, with low noise and light weight. This inverter provides PWM dimming function for smooth brightness adjustment, external power on/off control, and also some safety features to protect output power including auto shutdown when lamp connection is open and short circuit and overload protection. This inverter series is able to drive a wide range of LCD panels including AUO, CMO, CPT, Hydis, Kyocera, LG, Mitsubishi, NEC, Optrex, Prime View, Samsung, Sharp, and Toshiba.

Feature:

- Applicable to 4 tubes
- PWM dimming function
- External digital ON/OFF control
- Auto shutdown when lamp connection is open
- Short circuit and overload protection

Absolute Rating:

Item	Symbol	Condition	Min.	Max.	Unit
Input Voltage	V _{in}		11	13	V
Operating Temperature	T _{op}	Ha ≤ 90%RH	0	70	°C
Storage Temperature	T _{stg}	Ha ≤ 95%RH	-10	80	°C
Operating Humidity	H _{op}	Ta=0 ~ 55°C	20	90	%RH
Storage Humidity	H _{stg}	Ta=20 ~ 80°C	-	95	%RH

Ordering Information:

Model Number	Dimension (mm, L x W x H)	Input Voltage (V)	Lamp Current (mA)	Connector
INV4-126265-LF	139 x 50 x 6	12.0	6.5	SM02B x 4
INV4-126266-LF	139 x 50 x 6	12.0	6.5	SM02B x 4
INV4-132265-LF	160 x 35 x 11	12.0	6.5	SM02B x 4
INV4-132267-LF	160 x 35 x 11	12.0	7.0	SM02B x 4
INV4-132275-LF	160 x 35 x 11	12.0	7.0	SM02B x 4
INV4-132365-LF	160 x 35 x 11	12.0	6.5	SM02 x 4
INV4-132375-LF	160 x 35 x 11	12.0	7.5	SM02 x 4
INV4-132450-LF	160 x 35 x 11	12.0	5.4	SM04 x 2

Model Number	Dimension (mm, L x W x H)	Input Voltage (V)	Lamp Current (mA)	Connector
INV4-132465-LF	160 x 35 x 11	12.0	12.5	SM04 x 2
INV4-132562-LF	160 x 35 x 11	12.0	6.2	SM02 4.0 x 2 SM02B x 2
INV4-132565-LF	160 x 35 x 11	12.0	6.5	SM02 4.0 x 2 SM02B x 2
INV4-1262100-LF	139 x 50 x 9	12.0	10.0	SM02B x 4
INV4D-132270-LF	160 x 35 x 11	12.0	7.0	SM02B x 4

Spectrah Dynamics, Inc.

Tel: 886-2-86472026 | Fax: 886-2-86472201 | E-mail: sepc_info@spectrah.com
 Add: 5F-2, No. 188, Sec #3, Ta-tung Road, Hsi-Chi, Taipei Hsien 221, Taiwan.