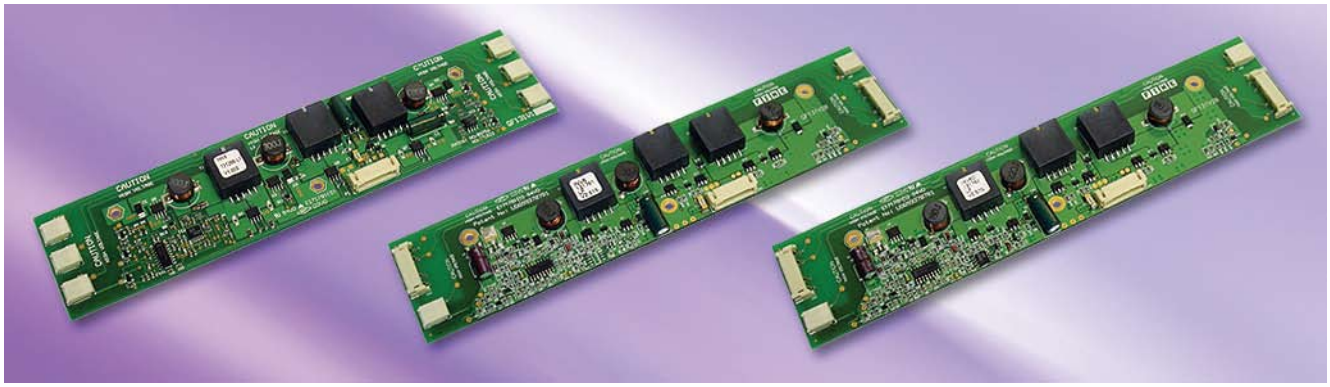
LCD Inverter

6 CCFLs Series



Overview:

The Spectrah INV6 series DC to AC inverter is designed to power 6 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 6 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	Vin		11	13	V
Operating Temperature	Top	Ha≦90%RH	0	70	°C
Storage Temperature	Tstg	Ha≦95%RH	-10	80	°C
Operating Humidity	Hop	Ta=0 ~ 55°C	20	90	%RH
Storage Humidity	Hstg	Ta=20 ~ 80°C	-	95	%RH

Ordering Information:

Model Number	Dimension (mm, L x W x H)	Input Voltage (V)	Lamp Current (mA)	Connector
INV6-131265AD1-LF	91.44 x 16.0 x 7.5	12.0	6.5	SM02B x 6
INV6-131265-LF	210 x 46.0 x 10.5	12.0	6.5	SM02B x 6
INV6-131266-LF	210 x 46.0 x 10	12.0	6.5	SM02B x 6
INV6-131266-LF-AD10	210 x 46.0 x 10	12.0	6.5	SM03B 4.0 x 2
INV6-131761-LF	210 x 46.0 x 10	12.0	6.1	SM02B x 2, SM04 9-E2 x 2
INV6D-131762-LF	210 x 46.0 x 10	12.0	6.5	SM02B x 2, SM04 9-E2 x 2

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

www.spectrah.com