

LCD 逆变电源
LCD Inverter



<p>产品特性: 平衡灯管电流 开路保护,短路保护 高效率 一年质保</p> <p>储存温度: -25~70℃ 运行温度: 0~70℃ 储存湿度: 10%~95%RH, 不凝固 运行湿度: 10%~95%RH, 不凝固 MTBF: 60,000Hrs@25℃</p>	<p>Product features: Balanced lamp current Open lamp protection and Short circuit protection High efficiency One year warranty</p> <p>Temperature: Storage: -25~70℃ Operation: 0~70℃</p> <p>Humidity: Storage: 10%~95%RH, non-condensing Operation: 10%~95%RH, non-condensing MTBF: 60,000Hrs@25℃</p>
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主要参数:		
应用LCD规格	7'8'	名称: 单灯背光电源
尺寸 (mm)	120X22X10	
输入电压(V)	10.8~13.2	
典型输入电压(V)	12	
典型输入电流(A)	0.5	Vin=12V, Von/off=5V, Vadj=0V
典型灯电流(mA)	6.5	Vin=12V, Von/off=5V, Vadj=5V
	3.0	Vin=12V, Von/off=5V, Vadj=0V
频率 (KHZ)	40~60	Vin=12V, Von/off=5V, Vadj=0V
主要参数:		
应用LCD规格	10'	名称: 双灯背光电源
尺寸 (mm)	120X25X10	
输入电压(V)	10.8~13.2	
典型输入电压(V)	12	
典型输入电流(A)	1.0	Vin=12V, Von/off=5V, Vadj=0V
典型灯电流(mA)	6.5	Vin=12V, Von/off=5V, Vadj=5V
	3.0	Vin=12V, Von/off=5V, Vadj=0V
频率 (KHZ)	40~60	Vin=12V, Von/off=5V, Vadj=0V

主要参数:		
应用LCD规格	15'/17'/19'	名称: 四灯背光电源
尺寸 (mm)	141X41X15	
输入电压(V)	10.8~13.2	
典型输入电压(V)	12	
典型输入电流(A)	1.8	Vin=12V, Von/off=5V, Vadj=0V
典型灯电流(mA)	6.6	Vin=12V, Von/off=5V, Vadj=5V
	3.0	Vin=12V, Von/off=5V, Vadj=0V
频率 (KHZ)	40~55	Vin=12V, Von/off=5V, Vadj=0V

Specifications:		
Applied for LCD	7'/8'	For 1 CCFL
Dimension(mm)	120X22X10	
Input Voltage(V)	10.8~13.2	
Typical input voltage(V)	12	
Input Current(A) type	0.5	Vin=12V, Von/off=5V, Vadj=0V
Lamp current(mA) Type	6.5	Vin=12V, Von/off=5V, Vadj=0V
	3.0	Vin=12V, Von/off=5V, Vadj=5V
Frequency(KHZ)	40~60	Vin=12V, Von/off=5V, Vadj=0V

Specifications:		
Applied for LCD	10'	For 2 CCFL
Dimension(mm)	120X25X10	
Input Voltage(V)	10.8~13.2	
Typical input voltage(V)	12	
Input Current(A) type	1.0	Vin=12V, Von/off=5V, Vadj=0V
Lamp current(mA) Type	6.5	Vin=12V, Von/off=5V, Vadj=0V
	3.0	Vin=12V, Von/off=5V, Vadj=5V
Frequency(KHZ)	40~60	Vin=12V, Von/off=5V, Vadj=0V

Specifications:		
Applied for LCD	15'/17'/19'	For 4 CCFL
Dimension(mm)	141X41X15	
Input Voltage(V)	10.8~13.2	
Typical input voltage(V)	12	
Input Current(A) type	1.8	Vin=12V, Von/off=5V, Vadj=0V
Lamp current(mA) Type	6.6	Vin=12V, Von/off=5V, Vadj=0V
	3.0	Vin=12V, Von/off=5V, Vadj=5V
Frequency(KHZ)	40~55	Vin=12V, Von/off=5V, Vadj=0V

◆ Pin Assignments

1. DC Input: Location: CN1,CN6

CN1:

Pin NO.	Symbol	Description
1	Vin	12V
2,4	GND	Power Return
3	Vadj	Brightness
5	Von/off	On/Off Control

CN6: (Only for the inverter with 4 CCFL)

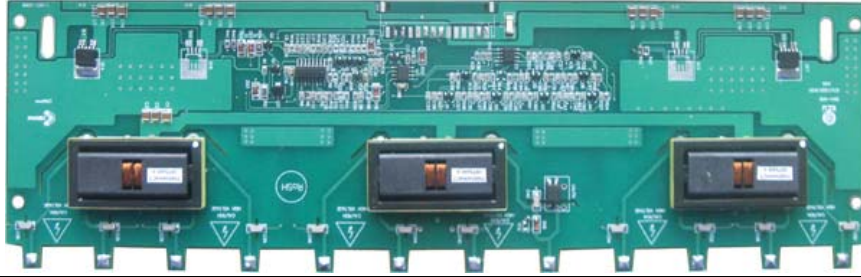
Pin NO.	Symbol	Description
10,11,12	Vin	12V
1,3,5,6,8,9	GND	Power Return
2	Vadj	Brightness
4	Von/off	On/Off Control
7	NC	NC

2.AC Output:

Location: CN2,CN3,CN4,CN5

Pin NO.	Symbol	Description
1	HV	High Voltage
2	LV	RETURN

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主要参数:		
应用LCD规格	22'	名称: 6"U"型灯管
尺寸 (mm)	290X81X10	
输入电压(V)	21.6~26.4	
典型输入电压(V)	24	
最大输入电流(A)	3.5A	Vin=24V, Von/off=5V, Vadj=3.3V
典型灯电流(mA)	6.0	Vin=12V, Von/off=5V, Vadj=3.3V
	3.0	Vin=12V, Von/off=5V, Vadj=0V
频率 (KHZ)	50±10	Vin=12V, Von/off=5V, Vadj=0V
Specifications:		
Applied for LCD	22'	6 "U" type lamp
Dimension(mm)	290X81X10	
Input Voltage(V)	21.6~26.4	
Typical input voltage(V)	24	
Input Current(A) type	3.5A	Vin=24V, Von/off=5V, Vadj=3.3V
Lamp current(mA) Type	6.0	Vin=12V, Von/off=5V, Vadj=3.3V
	3.0	Vin=12V, Von/off=5V, Vadj=0V
Frequency(KHZ)	50±10	Vin=12V, Von/off=5V, Vadj=0V

CN1: Connector S14B-PHA-SM-TB(JST)(Only for the inverter with 6 CCFL)

Pin NO.	Symbol	Description
1,2,3,4,5	Vin	Supply Voltage:24V
6,7,8,9,10	GND	Power System Ground
11	NC	No Connection
12	On/Off	Inverter On/Off Control Signal
13 14	DIM	Internal PWM Dimming Control(0~3.3V)
15	Error_out	No Connection