

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-300-5 V-G

CHARACTERISTIC

Protections: Short circuit protection, Over voltage protection, Over current protection, Over power protection, Over Temp protection

Built-in the Mosets from Silan Semiconductor (Listed Co.)

Built-in the IC imported from Onsemi (USA) and Texas Instrument (USA)

Built-in Synchronous Rectification design

Intelligent Fan (the fan work or not work dependent on Temp.)

100% full load burn-in test

3 years warranty



MODEL	YY-D-300-5 V-G	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	60A
	CURRENT RANGE	0~60A
	RATED POWER	300W
	RIPPLE&NOISE	≤100mv p-p
	VOLTAGE ADJ.RANGE	±1%
	VOLTAGE TOLERANCE	±1%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±2.0%
	SET UP TIME	50mS
HOLD UP TIME	20mS	
INPUT	VOLTAGE RANGE	176Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	EFFICIENCY	88%
	INRUSH CURRENT	≤60A
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	150V~170V
	INPUT OVER VOLTAGE	270V~280V
	OUTPUT OVER VOLTAGE	5.5~5.5V (re-start)
	OUTPUT LIMIT CURRENT	66.0~75.0A
	OVER TEMPERATURE	105°C ± 5°C
	THERMAL METHODS	cooling by fan
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80°C, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/°C (0~50°C)
	VIBRATION	10-300MHz, 1G, 10min./1cycle. Period for 60min each axes
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARD	GB9254, EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min
		O/P-FG:1.5KVAC/3mA/1min O/P-FG:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
CERTIFICATIONS	CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	190*86*30mm