

Company Profile

Anhui Youyi Electronics Co., Ltd. established in September of 1989. had the subsidiary of Shenzhen Youyi Power Supply Co., Ltd and Anhui friendship import and export Co., Ltd. Also invested the company Tianqing Co., Ltd. Cover the area of 30,000 square meters and 22,000 square meters of production area. Focus on developing and producing of power supply. The products include the LED power supply, LED driver, charger machine, Telecom power supply and laser power supply. And are largely demanded in Europe , Middle East and Southeast Asia.

The electronic components are chose and checked professionally by us and products are produced strictly as the Industry standards. To guarantee the quality of products, our company imported special equipments from Japan, Taiwan and Germany. Like automatic leveling machine, automatic vacuum sealing machine, chip mounter, wave-soldering machine, RoHS detector and aging machine. Besides, some of the products have been approved for the ISO 9001 certificate, CCC certificate, CB certificate, CE certificate, BIS certificate, ROHS certificate, EAC certificate, UKCA certificate.



CERTIFICATE



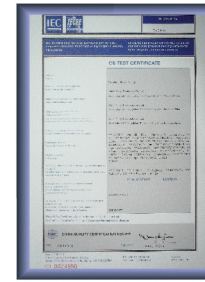
RoHS



CE



CCC



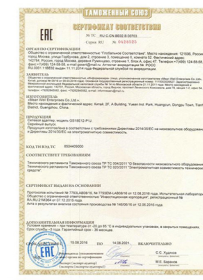
CB



CE



ROHS



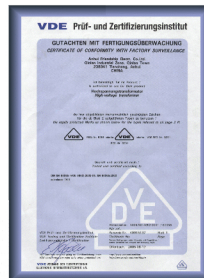
EAC



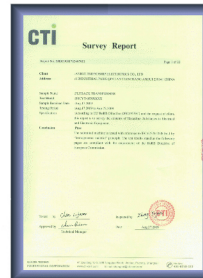
CQC



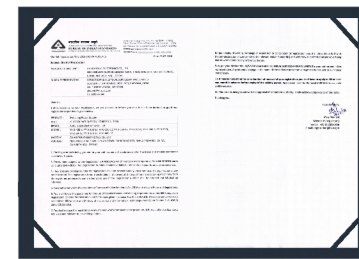
UKCA



VDE



CTI



BIS



**How do we
produce ?**

Ensure the consistency of products are the same

Use the machine instead of workers to improve the efficiency of manufacture and drop the cost of producing.



1

Auto Dispenser

Fast and accurate dispensing without any workers.



2

SMD Machine

We use the SMD components instead of plug-in components. SMD components have a good performance and help us reduce cost of producing



3

AI&RI Machine

The machine is main for some plug-in components. It can increase productivity and lower production cost



4

Wave-soldering

Coat the lead uniformly and do not miss any blind side.



5

Auto Coater

Every PCB have been Coated with conformal coating. And proof the high humidity and dust



6

Aging Machine

Fast and accurate dispensing without any workers.



How do we **guarantee** **the quality ?**

Chose suitable electronic components
Accurate production process
Strict test

Stringent development process



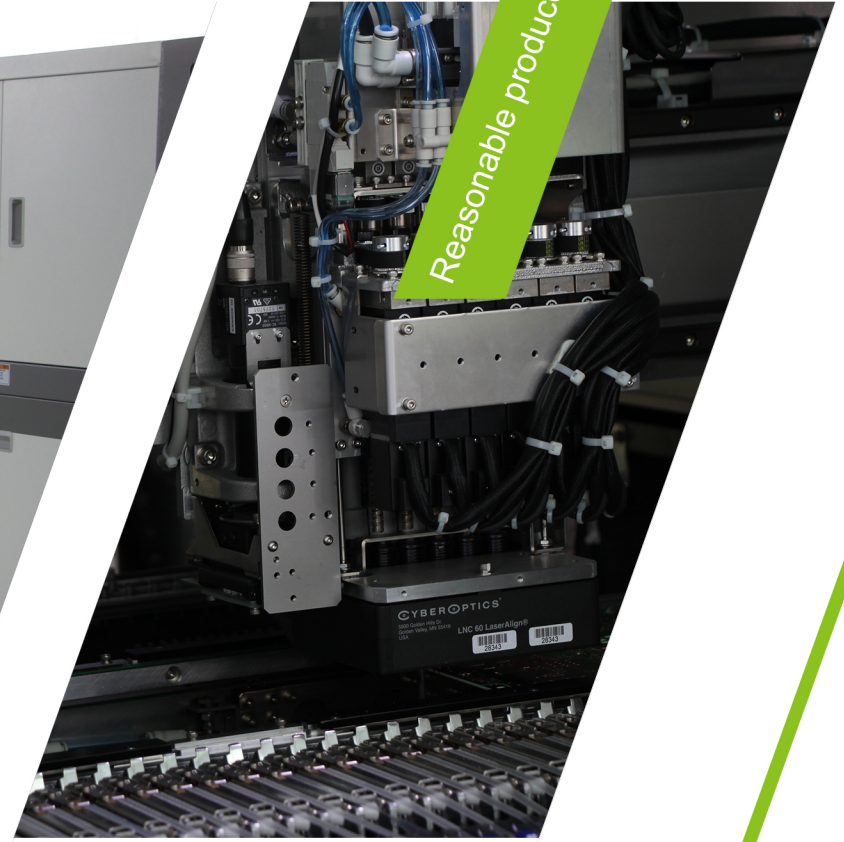
We have a striced process of choosing the suitable topology according to rated power and market for he power supplies. And they will be putted in aging machine for 1 month after being developed.

Strick material selection

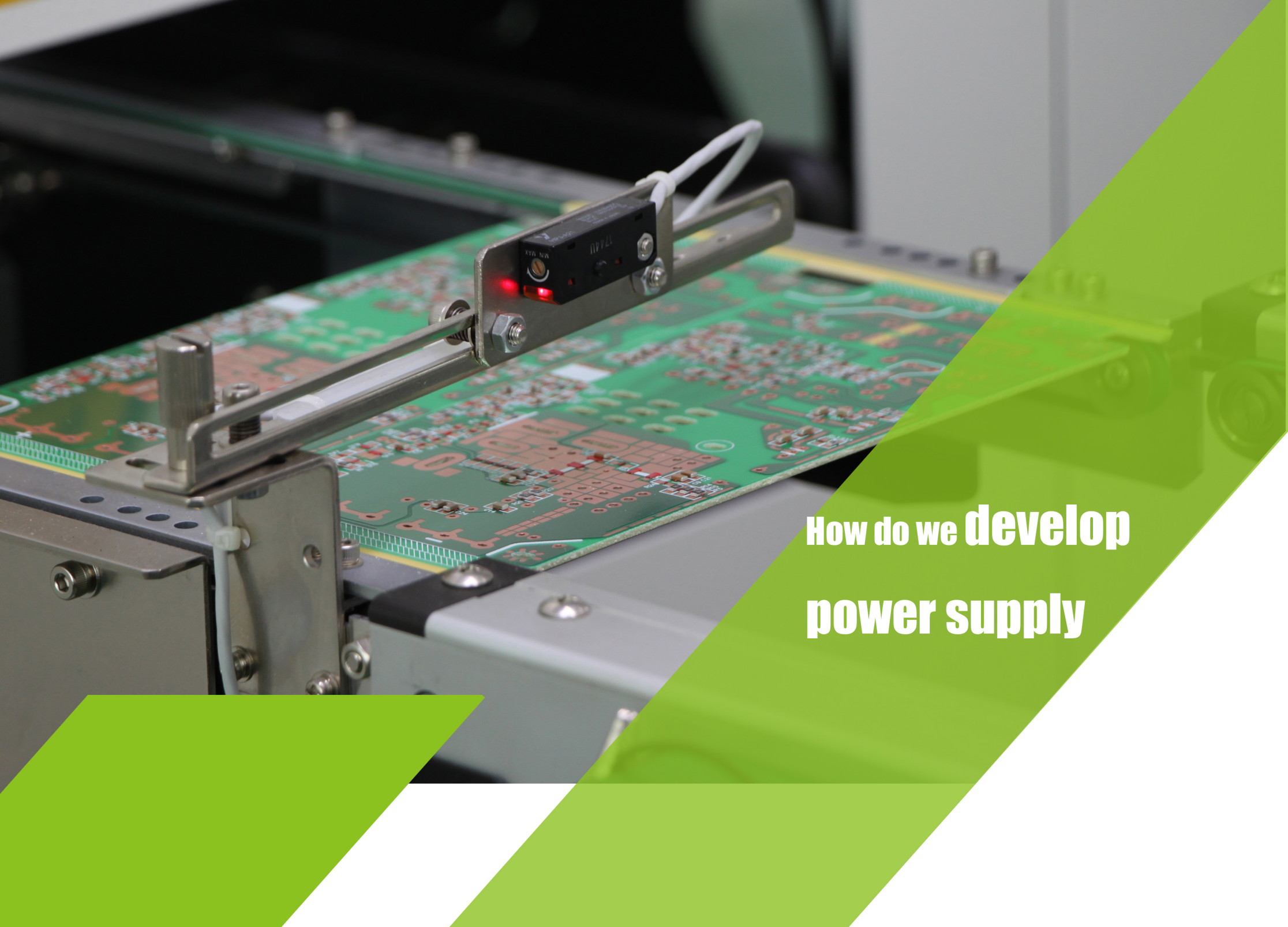


Every components that sent to our factory will be process a very strict random checking to guarantee the quality of components and we also have some requirement about the performance of components and process of producing for our suppliers.

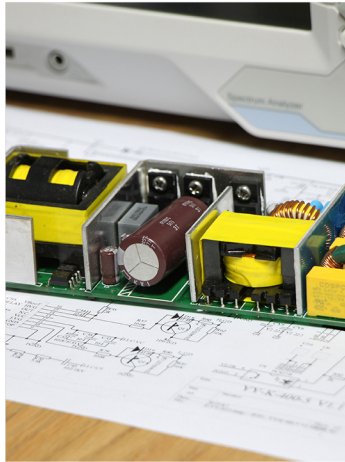
Reasonable produce & test methods



We use machine instead of workers to improve the consistency of products. And every power supply will process some strick testing, like 2500V high voltage test, output ripple&nosie test, surge test and aging test. Each one will be full loaded in 60°C enviroment.



**How do we develop
power supply**



Chose Topology

we design the transformer first before developing the power supply. A good transformer design can reduce the pressure of mosfets and capcitors. Also reduce the wastage of power supply and improve its efficiency

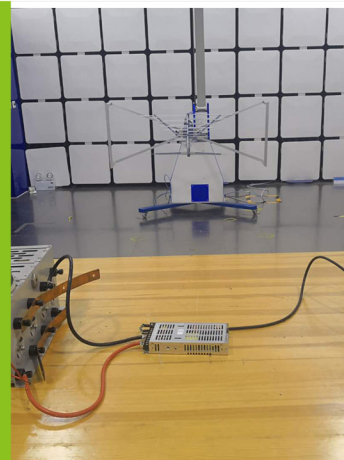


Surge Test

We have the machine to simulate a surge and lighting stroke, and our power supply will try to release the surge to earth wire

EMC Test

Some Countries have the EMC requirement about the power supply. Our engineers will try to filter any disturb from the power supply to avoid the emit radiation and to press the EMI



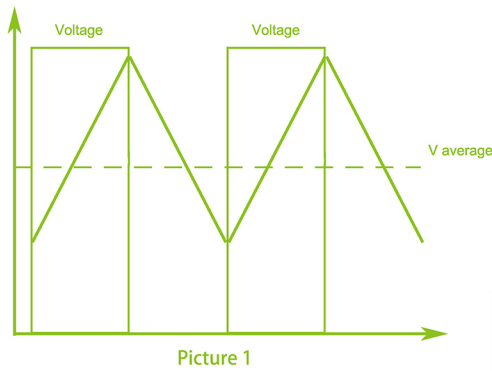
Aging Test

New developed power supplies will be tested in aging machine for nearly 1 month to make sure they can withstand a high temperature

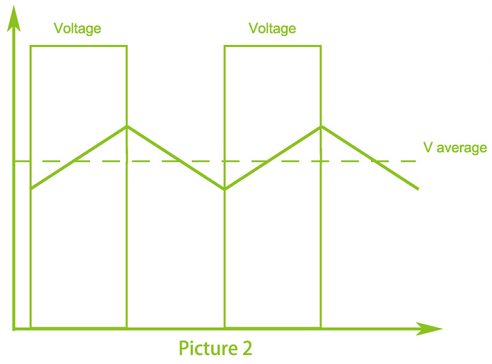


What is our design philosophy ?





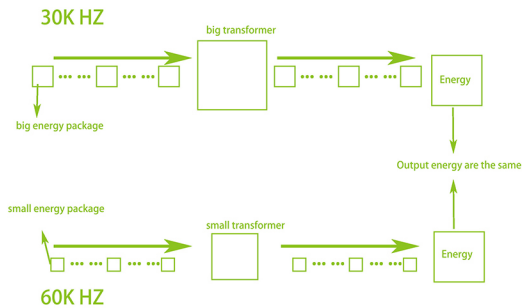
Well design transformer



A big and good magnet core of transformer can reduce the stress of mosfets and capcitors. Please check pictures of the voltage from the tranformer.

U can see that the ripple of picture 1 is more higher than the ripple of picture 2. And if the ripple is more higher, the capcitors will charge more eletron and release more eletron.

So the capcitors in picture 2 is less stress than the capcitors in picture 1. Besides we chose sendust as magnet core of transformer, can reduce the ripple of voltage and reduce the pressure of capacitors.



Nice topology

And also our transformer are made of 99.99% pure copper sheet and size is big. This kind of design can allow the transformer to transmit larger energy. U can see the pictures as below.

The small tranformer want to transmit the same energy as big transformer do, must increase the working frequency. But it will increase the wastage of mosfets if the frequency of power supply is too high. We let the power supply work under a low frequency and reduce the pressure of mosfets.



Accurate craftsmanship

We use the pure copper sheet to make the power supply. The magnetic flux line can come through the copper sheet easily. Also reduce the distributed capacitance which will emit the radiation and effect the EMC.

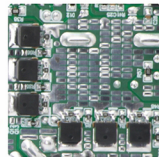


5V SERIES POWER SUPPLY

(FOR LED DISPLAY)

TYPICAL MODEL YY-D-300-5

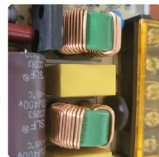
Synchronous rectification design can large improve the efficiency of power supply and reduce the temperature.



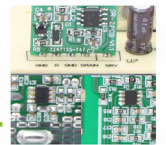
The transformer and inductance are made of sendust core and 99.99% pure copper sheet, And have a low wastage and high saturation level. **Also** the property is very stable in high temperature.



Common-mode Inductance can release the disturb from the power supply or grid power and release it to the earth wire.



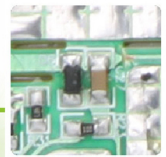
Three IC design, more intelligent temperature control and protection function will improve the reliability of power



The Mosfets are from Silan (listed Co. in China) can withstand high voltage and have nice switching characteristics.



Use the thermal resistance to detect the temperature of power supply and control the speed of fan, guarantee the over temperature protection to the power supply



SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-50-5

CHARACTERISTIC

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

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

Built-in the IC from On-Bright

100% full load burn-in test

3 years warranty



MODEL		YY-D-50-5
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	10A
	CURRENT RANGE	0~10A
	RATED POWER	50W
	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	86%
	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	11.0~12.5A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
		I/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	115*70*26mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-100-5

CHARACTERISTIC

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

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

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

Pass EMI testing

100% full load burn-in test

3 years warranty



MODEL	YY-D-100-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	20A
	CURRENT RANGE	0~20A
	RATED POWER	100W
	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	22.0~25.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	O/P-FG: 0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P: 100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	190*82*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-100-5 V-G

CHARACTERISTIC

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

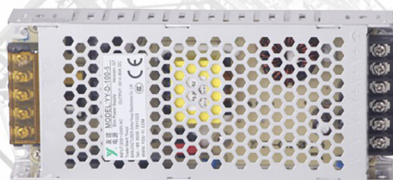
Built-in the Mosets from Silan Semiconductor (Listed Co.)

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-100-5 V-G	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	20A
	CURRENT RANGE	0~20A
	RATED POWER	100W
	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	22.0~25.0A
	OVER TEMPERATURE	105°C ± 5°C
	THERMAL METHODS	cooling by air
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
		I/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*82*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-200-5

CHARACTERISTIC

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

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

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

Pass EMI testing

100% full load burn-in test

3 years warranty



MODEL	YY-D-200-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	89%
	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	44.0~50.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	O/P-FG:0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P:100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	190*82*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-200-5 V-G

CHARACTERISTIC

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

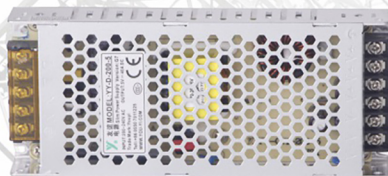
Built-in the Mosets from Silan Semiconductor (Listed Co.)

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-200-5 V-G	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	44.0~50.0A
	OVER TEMPERATURE	105°C ± 5°C
	THERMAL METHODS	cooling by air
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
	ISOLATION RESISTANCE	O/P-FG:0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P:100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	190*82*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-200-5 V-E

CHARACTERISTIC

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

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

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

Pass EMI testing

100% full load burn-in test

3 years warranty



MODEL	YY-D-200-5 V-E	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	89%
	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	44.0~50.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	O/P-FG:0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P:100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	200*98*31mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-250-5

CHARACTERISTIC

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

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

Built-in the IC imported from Onsemi

Built-in Synchronous Rectification design

Pass EMI testing

100% full load burn-in test

3 years warranty



MODEL	YY-D-250-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	50A
	CURRENT RANGE	0~50A
	RATED POWER	250W
	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	55.0~62.5A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	O/P-FG:0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P:100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	215*115*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-300-5

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	
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℃ ± 5℃
	THERMAL METHODS	cooling by fan
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
		I/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	215*86*30mm

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
		I/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

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-D-300-5 V-B

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)

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

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-300-5 V-B	
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	110Vac / 220Vac
	FRE.RANGE	47Hz~63Hz
	EFFICIENCY	87%
	INRUSH CURRENT	≤60A
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	220Vac:150V~170V; 110Vac:80V~95V
	INPUT OVER VOLTAGE	220Vac:270V~280V; 110Vac:130V~140V
	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:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
CERTIFICATIONS	CE/ CB/ ROHS/ CCC/ EAC/ UKCA	
OTHERS	DIMENSION	219*117*30mm

SWITCHING POWER SUPPLY

(FOR LED Display)

YY-D-350-5

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-350-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	70A
	CURRENT RANGE	0~70A
	RATED POWER	350W
	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	77.0~87.5A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by fan
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
CERTIFICATIONS	CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA	
OTHERS	DIMENSION	212*85*30mm

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-D-400-5

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)

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

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-400-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	80A
	CURRENT RANGE	0~80A
	RATED POWER	400W
	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	87%
	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	88.0~100.0A
	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
		I/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/ BIS/ CCC/ EAC/ UKCA	
OTHERS	DIMENSION	219*117*30mm

DC to DC Converter (FOR LED Display) YY-C-100

CHARACTERISTIC

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

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

Built-in the IC from Freescal

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



	MODEL	YY-C-100
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	20A
	CURRENT RANGE	0~20A
	RATED POWER	100W
	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	10VDC-30VDC
	EFFICIENCY	94%
	INRUSH CURRENT	≤10A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	5V-9V
	OUTPUT LIMIT CURRENT	22.0~25.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP.,HUMITY	-40+80℃,10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	VIBRATION	10-300MHz,1G,10min./1cycle, Period for 60min each axes
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARD	GB9254, EN55022A
	CERTIFICATIONS	CE/ BIS
OTHERS	DIMENSION	115*70*26mm

DC to DC Converter (FOR LED Display) YY-C-200

CHARACTERISTIC

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

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

Built-in the IC from Freescal

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-C-200	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	10VDC-30VDC
	EFFICIENCY	93%
	INRUSH CURRENT	≤10A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	5V-9V
	OUTPUT LIMIT CURRENT	44.0~50.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP.,HUMITY	-40+80℃,10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	VIBRATION	10-300MHz,1G,10min./1cycle, Period for 60min each axes
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARD	GB9254, EN55022A
	CERTIFICATIONS	CE/ BIS
OTHERS	DIMENSION	115*70*26mm

DC to DC Converter (FOR LED Display) YY-C-300

CHARACTERISTIC

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

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

Built-in the IC from Freescal

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-C-300	
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	10VDC-30VDC
	EFFICIENCY	92%
	INRUSH CURRENT	≤10A
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	5V-9V
	OUTPUT LIMIT CURRENT	66.0~75.0A
	OVER TEMPERATURE	105°C ± 5°C
	THERMAL METHODS	cooling by air
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
	CERTIFICATIONS	CE/ BIS
OTHERS	DIMENSION	145*75*29mm

SWITCHING POWER SUPPLY (FOR TRANSPARENT LED Display) YY-I-200-5

CHARACTERISTIC

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

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

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

Built-in Synchronous Rectification design

Built-in active PFC function

100% full load burn-in test

3 years warranty



MODEL	YY-I-200-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	44.0~50.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
	ISOLATION RESISTANCE	O/P-FG:0.5KVAC/3mA/1min
CERTIFICATIONS	I/P-O/P:100MΩmin/500VDC CE/ CB/ ROHS/ CCC/ EAC/ UKCA	
OTHERS	DIMENSION	143*60*30mm

SWITCHING POWER SUPPLY (FOR TRASPARENT LED DISPLAY) YY-I-300-5

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 ST and Texas Instrument (USA)

Built-in active PFC function

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-I-300-5	
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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC, ≥0.98 (Full Load); 220VAC, ≥0.95 (Full Load)
	EFFICIENCY	90%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	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 air	
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
		I/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/ EAC/ UKCA	
OTHERS	DIMENSION	220*48*26mm

SWITCHING POWER SUPPLY (FOR TRASPARENT LED DISPLAY) YY-I-400-5

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 STMicroelectronics and Texas Instrument(USA)

Built-in active PFC function

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-I-400-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	80A
	CURRENT RANGE	0~80A
	RATED POWER	400W
	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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC, ≥0.98 (Full Load); 220VAC, ≥0.95 (Full Load)
	EFFICIENCY	90%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	OUTPUT OVER VOLTAGE	5.5~5.5V (re-start)
	OUTPUT LIMIT CURRENT	88.0~100.0A
	OVER TEMPERATURE	105℃ ± 5℃
THERMAL METHODS	cooling by air	
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
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:0.5KVAC/3mA/1min
	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC
CERTIFICATIONS	CE/ CB/ ROHS/ CCC/ EAC/ UKCA	
OTHERS	DIMENSION	220*48*26mm

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-E-200-5

CHARACTERISTIC

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

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

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

Built-in active PFC function

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-E-200-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	40A
	CURRENT RANGE	0~40A
	RATED POWER	200W
	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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC, ≥0.98 (Full Load); 220VAC, ≥0.95 (Full Load)
	EFFICIENCY	91%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
	LEAKAGE CURRENT	≤2.0mA
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	OUTPUT OVER VOLTAGE	5.5~5.5V (re-start)
	OUTPUT LIMIT CURRENT	44.0~50.0A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by air
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP., HUMITY	-40+80℃, 10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	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
		I/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*82*30mm

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-E-250-5

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.)

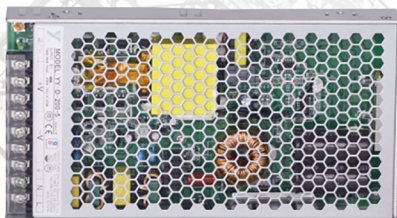
Built-in the IC imported from ST and Texas Instrument (USA)

Built-in active PFC function

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-E-250-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	50A
	CURRENT RANGE	0~50A
	RATED POWER	250W
	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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC, ≥0.98 (Full Load); 220VAC, ≥0.95 (Full Load)
	EFFICIENCY	90%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	OUTPUT OVER VOLTAGE	5.5~5.5V (re-start)
	OUTPUT LIMIT CURRENT	55.0~62.5A
	OVER TEMPERATURE	105°C ± 5°C
THERMAL METHODS	cooling by air	
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
		I/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	215*115*30mm

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-E-300-5

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 ST and Texas Instrument (USA)

Built-in active PFC function

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-E-300-5	
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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC, ≥0.98 (Full Load); 220VAC, ≥0.95 (Full Load)
	EFFICIENCY	90%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	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
		I/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	215*86*30mm

SWITCHING POWER SUPPLY (FOR LED DISPLAY) YY-E-350-5

CHARACTERISTIC

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

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

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

Built-in active PFC function

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-E-350-5	
OUTPUT	DC VOLTAGE	5V
	RATED CURRENT	70A
	CURRENT RANGE	0~70A
	RATED POWER	350W
	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	85Vac~264Vac
	FRE.RANGE	47Hz~63Hz
	POWER FACTOR	110VAC,≥0.98 (Full Load); 220VAC,≥0.95 (Full Load)
	EFFICIENCY	89%
	TOTAL HARMONIC DISTORTION	110VAC, 220VAC, ≤15% (Full Load)
LEAKAGE CURRENT	≤2.0mA	
PROTECTION	INPUT UNDERVOLTAGE	80V~85V
	INPUT OVER VOLTAGE	280V~320V
	OUTPUT OVER VOLTAGE	5.5~5.5V (re-start)
	OUTPUT LIMIT CURRENT	77.0~87.5A
	OVER TEMPERATURE	105℃ ± 5℃
	THERMAL METHODS	cooling by fan
ENVIRONMENT	WORKING TEMP.	-20 ~ +60℃
	WORKING HUMITY	20~90%RH
	STORAGE TEMP.,HUMITY	-40+80℃,10~95%RH
	TEMP.COEFFICIENT	±0.03%/℃ (0~50℃)
	VIBRATION	10-300MHz,1G,10min./cycle. Period for 60min each axes
SAFETY	SAFETY STANDARDS	GB4943, UL60950, EN60950
	EMC STANDARD	GB9254, EN55022A
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC/3mA/1min I/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	215*115*30mm