

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



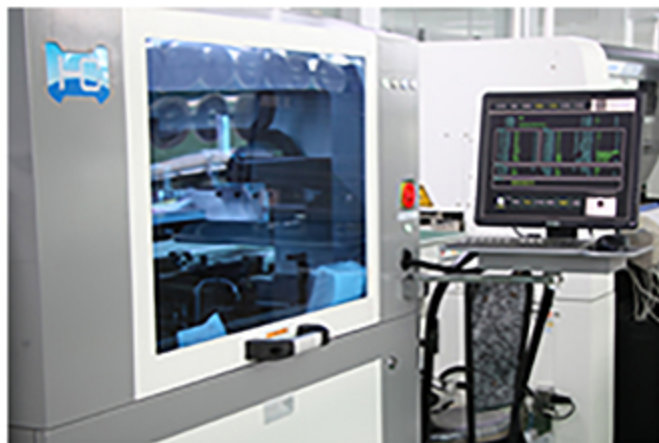
BIS



**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

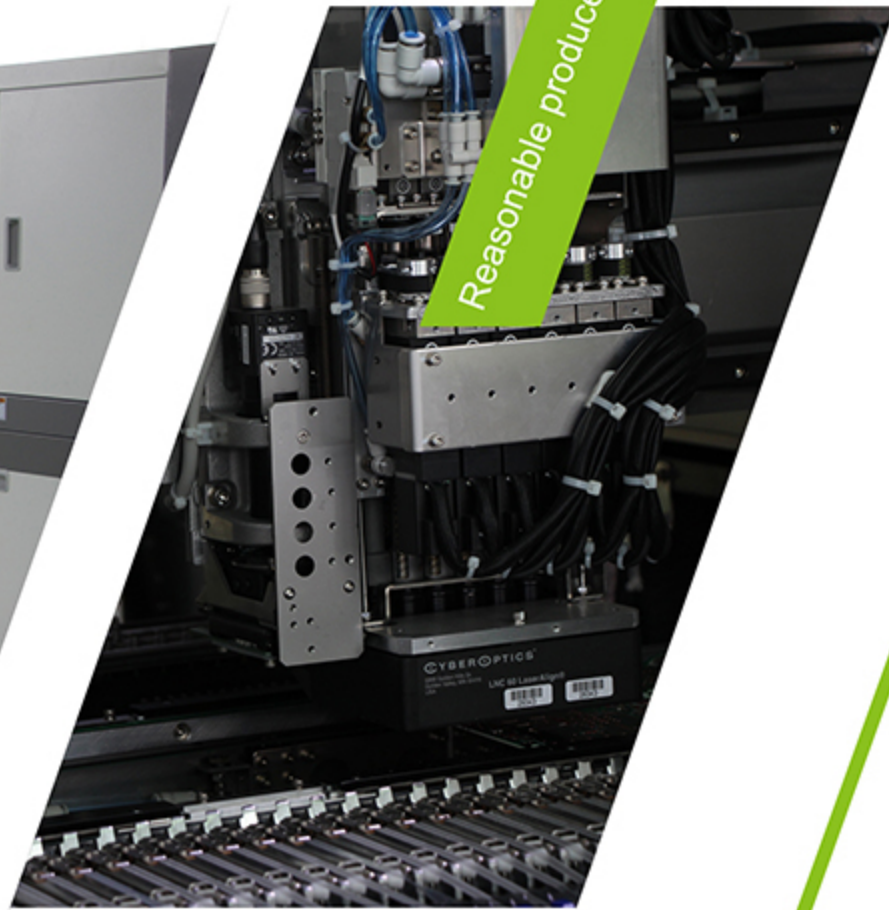
Stringent development process



Strick material selection



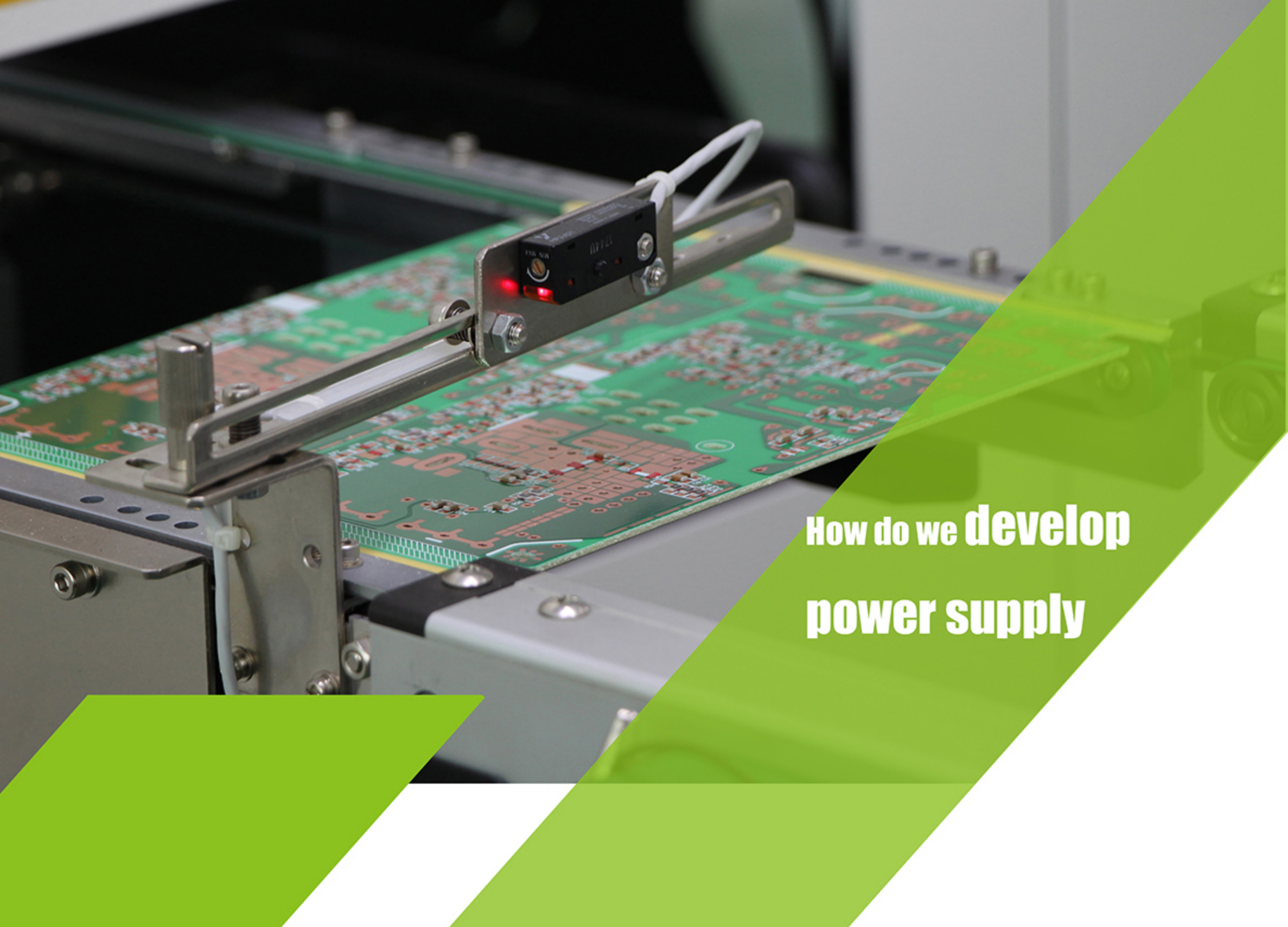
Reasonable produce & test methods



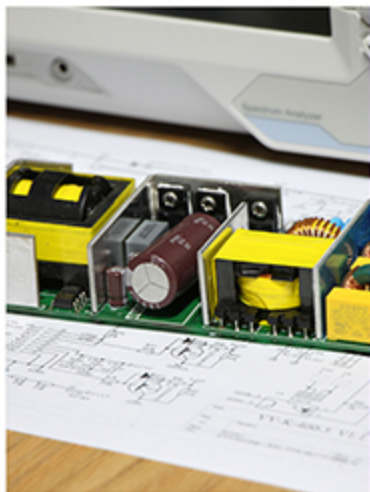
We have a striced process of choosing the suitable topology according to rated power and market for he power supplies. And they will be putted in aging machine for 1 month after being developed.

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.

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

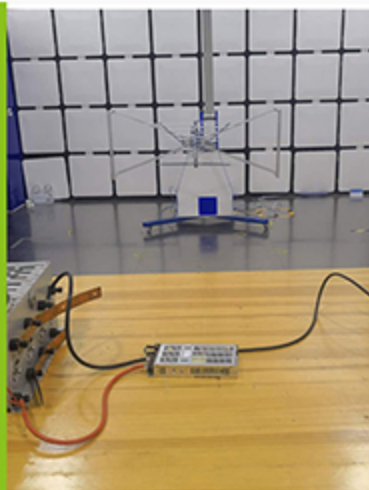


Surge Test

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



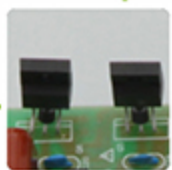
SWITCHING POWER SUPPLY

(FOR CCTV OR LED STRIP)
TYPICAL MODEL YY-D-360-12

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



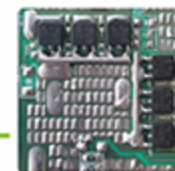
The Mosfets are from Silan (listed Co. in China) can withstand high voltage and have nice switching characteristics.



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.



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



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

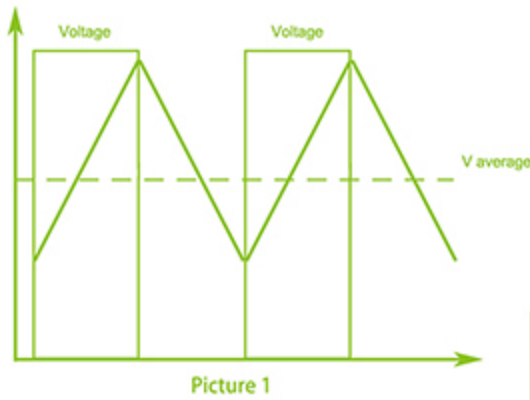


Use the thermal resistance to detect the temperature of power supply can control the speed of fan and give the over temperature protection to the power supply

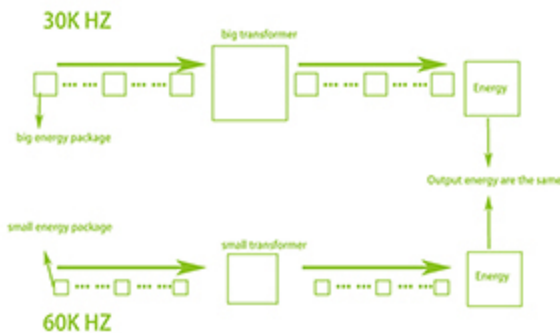
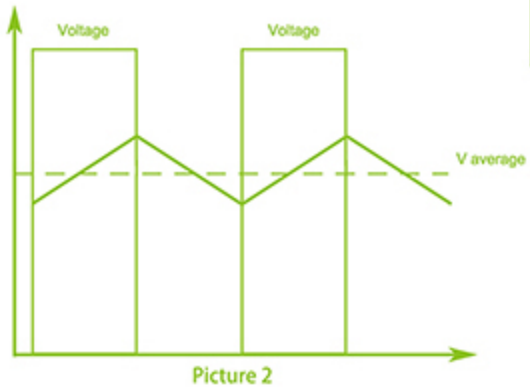


What is our design philosophy ?





Well design transformer



Nice topology



Accurate craftsmanship

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 capcitors.

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 tranformer 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.

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.

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-36

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-36-12	YY-D-36-24	YY-D-36-36	YY-D-36-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	3A	1.5A	1A	0.8A
	CURRENT RANGE	0~3A	0~1.5A	0~1A	0~0.8A
	RATED POWER	36W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	89%	91%	92%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	3.3~3.8A	1.7~1.9A	1.1~1.2A	0.9~1.0A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by air			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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	99*82*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-60

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-60-12	YY-D-60-24	YY-D-60-36	YY-D-60-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	5A	2.5A	1.7A	1.3A
	CURRENT RANGE	0~5A	0~2.5A	0~1.7A	0~1.3A
	RATED POWER	60W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	88%	91%	92%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	5.5~6.2A	2.8~3.1A	1.9~2.1A	1.4~1.6A
	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	99*97*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-100

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-100-12	YY-D-100-24	YY-D-100-36	YY-D-100-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	8.3A	4.2A	2.8A	2.1A
	CURRENT RANGE	0~8.3A	0~4.2A	0~2.8A	0~2.1A
	RATED POWER	100W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	88%	90%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	9.1~10.4A	4.6~5.2A	3.1~3.5A	2.3~2.6A
	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	129*97*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-120 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 from from
Onsemi (USA)

100% full load burn-in
test

3 years warranty



MODEL	YY-D-120-12 V-G	YY-D-120-24 V-G	YY-D-120-36 V-G	YY-D-120-48 V-G	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	10A	5A	3.3A	2.5A
	CURRENT RANGE	0~10A	0~5A	0~3.3A	0~2.5A
	RATED POWER	120W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	88%	90%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	11.0~12.5A	5.5~6.2A	3.6~4.1A	2.8~3.1A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by air			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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	159*97*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-120

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-120-12	YY-D-120-24	YY-D-120-36	YY-D-120-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	10A	5A	3.3A	2.5A
	CURRENT RANGE	0~10A	0~5A	0~3.3A	0~2.5A
	RATED POWER	120W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	88%	90%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	11.0~12.5A	5.5~6.2A	3.6~4.1A	2.8~3.1A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by air			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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	159*97*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-150

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 (USA)

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-150-12 V-G	YY-D-150-24 V-G	YY-D-150-36 V-G	YY-D-150-48 V-G	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	12.5A	6.3A	4.2A	3.1A
	CURRENT RANGE	0~12.5A	0~6.3A	0~4.2A	0~3.1A
	RATED POWER	150W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	88%	89%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	13.8~15.6A	6.9~7.9A	4.6~5.2A	3.4~3.9A
	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 LEIGHTING OR MACHINE) YY-D-150

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 ON

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-150-12	YY-D-150-24	YY-D-150-36	YY-D-150-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	12.5A	6.3A	4.2A	3.1A
	CURRENT RANGE	0~12.5A	0~6.3A	0~4.2A	0~3.1A
	RATED POWER	150W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	88%	89%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	13.8~15.6A	6.9~7.9A	4.6~5.2A	3.4~3.9A
	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	159*97*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-200 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 (USA)

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-200-12 V-G	YY-D-200-24 V-G	YY-D-200-36 V-G	YY-D-200-48 V-G	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	16.7A	8.3A	5.6A	4.2A
	CURRENT RANGE	0~16.7A	0~8.3A	0~5.6A	0~4.2A
	RATED POWER	200W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	89%	88%	89%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	18.4~20.9A	9.1~10.4A	6.2~7.0A	4.6~5.2A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by air			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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 LEIGHTING OR MACHINE) YY-D-200

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 (USA)

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-200-12	YY-D-200-24	YY-D-200-36	YY-D-200-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	16.7A	8.3A	5.6A	4.2A
	CURRENT RANGE	0~16.7A	0~8.3A	0~5.6A	0~4.2A
	RATED POWER	200W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	89%	88%	89%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	18.4~20.9A	9.1~10.4A	6.2~7.0A	4.6~5.2A
	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	200*98*31mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-250

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

100% full load burn-in test

3 years warranty



MODEL	YY-D-250-12	YY-D-250-24	YY-D-250-36	YY-D-250-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	20.8A	10.4A	6.9A	5.2A
	CURRENT RANGE	0~20.8A	0~10.4A	0~6.9A	0~5.2A
	RATED POWER	250W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	90%	88%	89%	89%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	22.9~26.0A	11.4~13.0A	7.6~8.6A	5.7~6.5A
	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 LEIGHTING OR MACHINE) YY-D-300

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-300-12	YY-D-300-24	YY-D-300-36	YY-D-300-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	25A	12.5A	8.3A	6.3A
	CURRENT RANGE	0~25A	0~12.5A	0~8.3A	0~6.3A
	RATED POWER	300W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	90%	88%	90%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	27.5~31.2A	13.8~15.6A	9.1~10.4A	6.9~7.9A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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 LEIGHTING OR MACHINE) YY-D-360

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-360-12	YY-D-360-24	YY-D-360-36	YY-D-360-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	30A	15A	10A	7.5A
	CURRENT RANGE	0~30A	0~15A	0~10A	0~7.5A
	RATED POWER	360W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	88%	89%	89%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	33.0~37.5A	16.5~18.8A	11.0~12.5A	8.2~9.4A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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 LEIGHTING OR MACHINE) YY-D-400

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-400-12	YY-D-400-24	YY-D-400-36	YY-D-400-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	33.3A	16.2A	11.1A	8.1A
	CURRENT RANGE	0~33.3A	0~16.2A	0~11.1A	0~8.1A
	RATED POWER	400W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	90%	88%	89%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	36.6~41.6A	17.8~20.2A	12.2~13.9A	8.9~10.1A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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	219*117*30mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-500

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 Monolithic Power Systems (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-500-12	YY-D-500-24	YY-D-500-36	YY-D-500-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	41.7A	20.8A	13.9A	4.2A
	CURRENT RANGE	0~41.7A	0~20.8A	0~13.9A	0~4.2A
	RATED POWER	500W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	89%	89%	91%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
	PROTECTION	INPUT UNDERVOLTAGE	150V~170V		
INPUT OVER VOLTAGE		270V~280V			
OUTPUT OVER VOLTAGE		13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
OUTPUT LIMIT CURRENT		45.9~52.1A	22.9~26.0A	15.3~17.4A	4.6~5.2A
OVER TEMPERATURE		105°C ± 5°C			
THERMAL METHODS		cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP., HUMIDITY	-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	225*124*41mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-600

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 Monolithic Power Systems (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-600-12	YY-D-600-24	YY-D-600-36	YY-D-600-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	50A	25A	16.7A	12.5A
	CURRENT RANGE	0~50A	0~25A	0~16.7A	0~12.5A
	RATED POWER	600W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	91%	88%	89%	91%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	55.0~62.5A	27.5~31.2A	18.4~20.9A	13.8~15.6A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP., HUMIDITY	-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	225*124*41mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-700

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.)

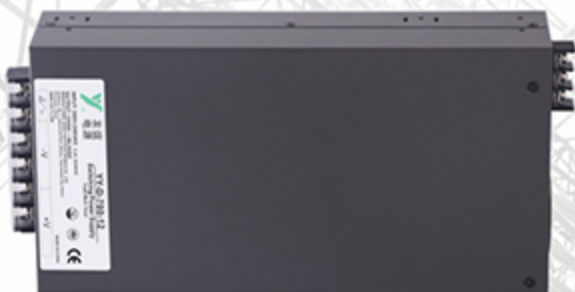
Built-in the IC imported from Monolithic Power Systems (USA) and Texas Instrument (USA)

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-700-12	YY-D-700-24	YY-D-700-36	YY-D-700-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	58.3A	29.2A	1.9A	14.6A
	CURRENT RANGE	0~58.3A	0~29.2A	0~1.9A	0~14.6A
	RATED POWER	700W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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	90%	87%	89%	90%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
	PROTECTION	INPUT UNDERVOLTAGE	150V~170V		
INPUT OVER VOLTAGE		270V~280V			
OUTPUT OVER VOLTAGE		13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
OUTPUT LIMIT CURRENT		64.1~72.9A	32.1~36.5A	2.1~2.4A	16.1~18.2A
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	278*127*63mm			

SWITCHING POWER SUPPLY (FOR LED LEIGHTING OR MACHINE) YY-D-800

CHARACTERISTIC

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

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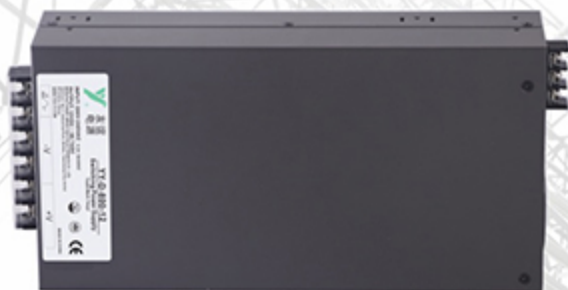
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Intelligent Fan (the fan work or not work dependent on Temp.)

Built-in Synchronous Rectification design

100% full load burn-in test

3 years warranty



MODEL	YY-D-800-12	YY-D-800-24	YY-D-800-36	YY-D-800-48	
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	66.7A	33.3A	22.2A	16.7A
	CURRENT RANGE	0~66.7A	0~33.3A	0~22.2A	0~16.7A
	RATED POWER	800W			
	RIPPLE&NOISE	≤100mv p-p	≤100mv p-p	≤100mv p-p	≤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%	87%	88%	89%
	INRUSH CURRENT	≤60A			
	LEAKAGE CURRENT	≤2.0mA			
PROTECTION	INPUT UNDERVOLTAGE	150V~170V			
	INPUT OVER VOLTAGE	270V~280V			
	OUTPUT OVER VOLTAGE	13.2~13.2V (re-start)	26.4~26.4V (re-start)	39.6~39.6V (re-start)	52.8~52.8V (re-start)
	OUTPUT LIMIT CURRENT	73.4~83.4A	36.6~41.6A	24.4~27.8A	18.4~20.9A
	OVER TEMPERATURE	105°C ± 5°C			
	THERMAL METHODS	cooling by fan			
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C			
	WORKING HUMIDITY	20~90%RH			
	STORAGE TEMP.,HUMIDITY	-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			
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	ISOLATION RESISTANCE	I/P-O/P:100MΩmin/500VDC			
	CERTIFICATIONS	CE/ CB/ ROHS/ CCC/ BIS/ EAC/ UKCA			
OTHERS	DIMENSION	278*127*63mm			