

**GLDR-75S SERIES**

**Product features:**

Internationally recognized full range AC input

Operating temperature range: -20°C to +60°C

Low ripple noise

Output short circuit, over-current, over-voltage, over-temperature protection

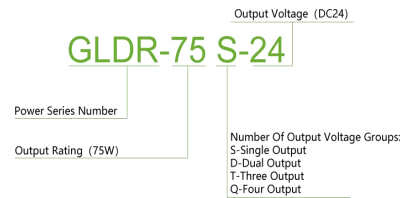
100% full load aging

Mountable on TS-35/7.5/15

Small size: suitable for small chassis and confined space installations

**Product Description:**

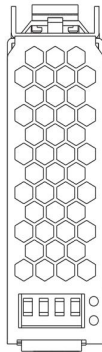
GLDR series belongs to single-phase metal rail series power supply, power range is 75-480W, the power supply small size, light weight, compact structure, standard DIN-rail mounting for customers to save a lot of space. It has the advantages of high cost performance, high energy efficiency, standard DIN-rail mounting (35mm), compact structure, high stability and strong anti-interference ability. The whole series can work in -20°C to 60°C ambient temperature under air circulation condition, it has constant current mode overload protection function, suitable for a variety of inductive or capacitive load applications.

**Model Naming Rules:**
**AC/DC Single Output:**


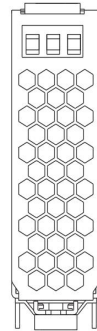
Model		GLDR-75S-24V	GLDR-75S-48V
Serial Number		GLDR AC/DC	
Specifications And Models		75S-24	75S-48
Output Characteristics	Output Voltage	24V	48V
	Rated Current	3.2A	1.6A
	Rated Power	75W	
	Output Voltage Stability	0.5%	
	Linear Adjustment Rate	≤±1%	
	Load Adjustment Ratio	≤±0.5%	
	Ripple And Noise	≤0.5% Vout	
	Temperature Coefficient	≤0.03%/°C @0-50°C	
	Adjustable Range	23.5V-28.5V	
	Overvoltage range	29-33V	
	Overall Efficiency	≥88%	≥88%
	Rise Time	60ms (115/230Vac, at full load)	
	Hold Time	12ms (115Vac, full load) 60ms (230Vac, full load)	
Input Characteristics	Input Voltage	100-240Vac	
	Input Frequency	47~63HZ	
	Surge Current	40A/230VAC(cold)	

Environmental Characteristics	Working Temperature	-20°C~+60°C@ (derating above +50°C) (Please refer to the "Reduction Curve") -20°C~+50°C@100%, +55°C@80%, +60°C@70%
	Storage Temperature	-40°C~+85°C
	Humidity	10%~95%RH(No condensation)
Safety Characteristics	Insulation Strength	Vin ~ Vout/3000VAC/min Vin ~ FG/2000VAC/min Vout ~ FG/500VAC/min
	Withstand Resistance	≥100MΩ
	Leakage Current	< 1mA/240VAC
	Protection Function	Short-circuit protection (shutdown) Overload protection 105%-130% (constant current mode, self-recovery after removing abnormalities) Overvoltage protection (shutdown) Recovery after reboot Overheat protection (shutdown) Recovery after reboot
	MTBF	MTBF>5x10 <sup>5</sup> h@25°C
Design Standard	Safety Standard	The design conforms to GB4943. EN 62368-1 UL 62368-1
	EMC Standard	Designed to EN 55032.ClassC EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
Other Parameters	EMI Filter	Internal band EMI filter
	Finished Product Guarantee	100% full load aging
	Quality Assurance	5-year warranty
	Cooling Mode	Natural cooling
	Net Weight	0.395kg
	Gross Weight	0.420kg
	Installation Mode	Rail
Measure	Outline Dimension	32*102*125.2mm
	Packing Size	37*121*135mm
	Application Areas	Industrial control systems Semiconductor manufacturing equipment Rail transportation Factory automation Electromechanical equipment other external industrial equipment in harsh environments

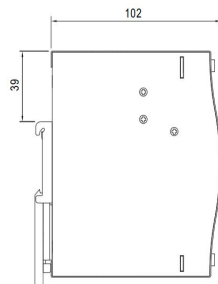
Installation Size:



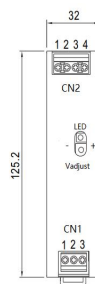
Top View



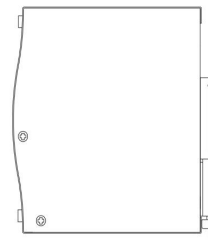
Bottom View



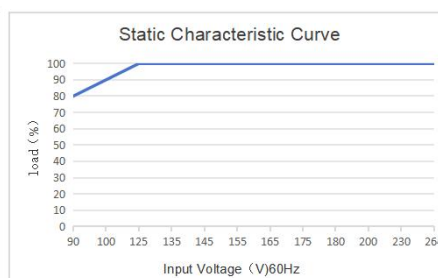
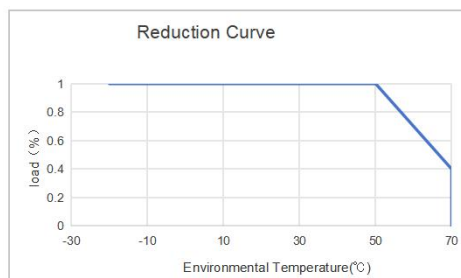
Side View A

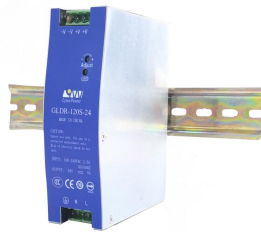


Front View



Side View B



**GLDR-120S SERIES**

**Product features:**

Internationally recognized full range AC input

Operating temperature range: -20°C to +60°C

Low ripple noise

Output short circuit, over-current, over-voltage, over-temperature protection

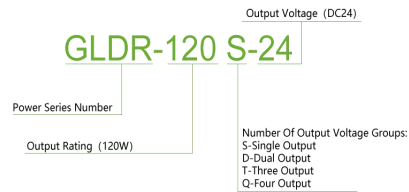
100% full load aging

Mountable on TS-35/7.5/15

Small size: suitable for small chassis and confined space installations

**Product Description:**

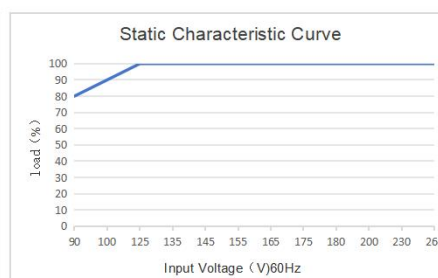
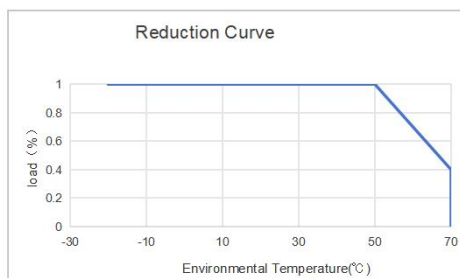
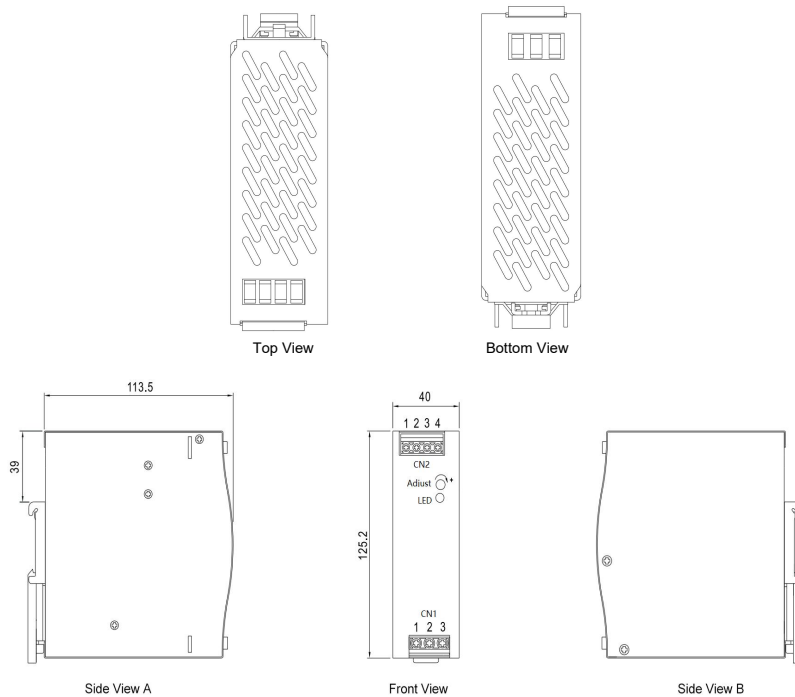
GLDR series belongs to single-phase metal rail series power supply, power range is 75-480W, the power supply small size, light weight, compact structure, standard DIN-rail mounting for customers to save a lot of space. It has the advantages of high cost performance, high energy efficiency, standard DIN-rail mounting (35mm), compact structure, high stability and strong anti-interference ability. The whole series can work in -20°C to 60°C ambient temperature under air circulation condition, it has constant current mode overload protection function, suitable for a variety of inductive or capacitive load applications.

**Model Naming Rules:**
**AC/DC Single Output:**


Model		GLDR-120S-24V	GLDR-120S-48V
Serial Number		GLDR AC/DC	
Specifications And Models		120S-24	120S-48
Output Characteristics	Output Voltage	24V	48V
	Rated Current	5A	2.5A
	Rated Power	120W	
	Output Voltage Accuracy	≤±1%	
	Linear Adjustment Rate	≤±0.5%	
	Ripple And Noise	≤1% Vout	
	Temperature Coefficient	≤0.03%/°C@0-50°C (maximum)	
	Adjustable Range	±10%(Rated output voltage)	
	Overvoltage Range	29-33V	
	Overall Efficiency	≥88%	≥88%
Input Characteristics	Rise Time	60ms 115Vac/230Vac (at full load)	
	Hold Time	10ms/115Vac, 16ms/230Vac (at full load)	
	Input Voltage	90-264VAC 127-370VDC	
	Input Frequency	47~63HZ	
	Power Factor	PF≥0.95 (at full load)	
	Surge Current	20A/115VAC 35A/230VAC(cold)	

Environmental Characteristics	Working Temperature	-20°C~+60°C@ (derating above +50°C) (Please refer to the "Reduction Curve"). -20°C~+50°C@100%, +55°C@80%, +60°C@70%
	Storage Temperature	-40°C~+85°C
	Humidity	10%~95%RH(No condensation)
Safety Characteristics	Insulation Strength	Vin~Vout/3000VAC/min Vin~FG/2000VAC/min Vout~FG/500VAC/min
	Withstand Resistance	≥100MΩ
	Leakage Current	<0.5mA/240VAC
	Protection Function	Short-circuit protection: (shutdown type). Overload protection: 105%-130% (constant current mode, restored after removing abnormalities). Over-voltage protection: shut down the output, restored after reboot. Overheat protection: shut down the output, restored after reboot.
	MTBF	MTBF>5x10^5h@25°C
Design Standard	Safety Standard	The design conforms to GB4943. EN 62368-1 UL 62368-1
	EMC Standard	Designed to EN 55032.ClassC EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
Other Parameters	EMI Filter	Internal band EMI filter
	Finished Product Guarantee	100% full load aging
	Quality Assurance	5-year warranty
	Cooling Mode	Natural cooling
	Net Weight	0.480kg
	Gross Weight	0.5kg
	Installation Mode	Rail
Measure	Outline Dimension	40*113.5*125.2mm
	Packing Size	45*122.5*135mm
	Application Areas	Industrial control systems Semiconductor manufacturing equipment Rail transportation Factory automation Electromechanical equipment other external industrial equipment in harsh environments

安装尺寸 Installation Size



**GLDR-240S SERIES**



**Product features:**

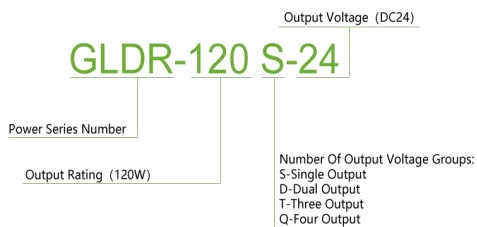
- Internationally recognized full range AC input
- Operating temperature range: -20°C to +60°C
- Low ripple noise
- Output short circuit, over-current, over-voltage, over-temperature protection
- 100% full load aging
- Mountable on TS-35/7.5/15
- Small size: suitable for small chassis and confined space installations

**Product Description:**

GLDR series belongs to single-phase metal rail series power supply, power range is 75-480W, the power supply small size, light weight, compact structure, standard DIN-rail mounting for customers to save a lot of space. It has the advantages of high cost performance, high energy efficiency, standard DIN-rail mounting (35mm), compact structure, high stability and strong anti-interference ability. The whole series can work in -20°C to 60°C ambient temperature under air circulation condition, it has constant current mode overload protection function, suitable for a variety of inductive or capacitive load applications.

**Model Naming Rules:**

**AC/DC Single Output:**

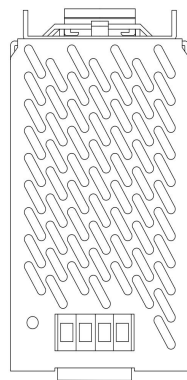


<b>Model</b>	<b>GLDR-240S-24V</b>	<b>GLDR-240S-48V</b>
<b>Serial Number</b>	GLDR AC/DC	
<b>Specifications And Models</b>	240S-24	240S-48

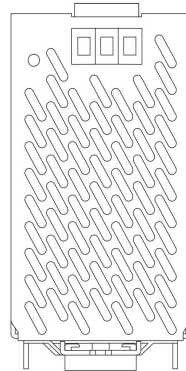
<b>Output Characteristics</b>	<b>Output Voltage</b>	24V	48V
	<b>Rated Current</b>	10A	5A
	<b>Rated Power</b>	240W	
	<b>Output Voltage Accuracy</b>	≤±1%	
	<b>Linear Adjustment Rate</b>	≤±0.5%	
	<b>Ripple And Noise</b>	≤1% Vout	
	<b>Temperature Coefficient</b>	≤0.03%/°C@0-50°C (maximum)	
	<b>Adjustable Range</b>	±10%(Rated output voltage)	
	<b>Overvoltage Range</b>	29-33V	
	<b>Overall Efficiency</b>	≥88.5%	88%
	<b>Rise Time</b>	100ms 115Vac/230Vac (at full load)	
	<b>Hold Time</b>	22ms/115Vac, 28ms/230Vac (at full load)	
<b>Input Characteristics</b>	<b>Input Voltage</b>	90-264VAC 127-370VDC	
	<b>Input Frequency</b>	47~63HZ	
	<b>Power Factor</b>	PF≥0.95 (at full load)	
	<b>Surge Current</b>	20A/115VAC 35A/230VAC (cold)	
<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-20°C~+60°C@ (derating above +50°C) (Please refer to the "Reduction Curve".) -20°C~+50°C@100%, +55°C@80%, +60°C@70%	
	<b>Storage Temperature</b>	-40°C~+85°C	
	<b>Humidity</b>	10%~95%RH(No condensation)	
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	Vin~Vout/3000VAC/min Vin~FG/2000VAC/min Vout~FG/500VAC/min	
	<b>Withstand Resistance</b>	≥100MΩ	
	<b>Leakage Current</b>	<1mA/240VAC	
	<b>Protection Function</b>	Short-circuit protection: (shutdown type). Overload protection: 105%-130% (constant current mode, restored after removing abnormalities). Over-voltage protection: shut down the output, restored after reboot. Overheat protection: shut down the output, restored after reboot.	
	<b>MTBF</b>	MTBF>5x10^5h@25°C	
<b>Design Standard</b>	<b>Safety Standard</b>	The design conforms to GB4943. EN 62368-1 UL 62368-1	
	<b>EMC Standard</b>	Designed to EN 55032.ClassC EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11	

<b>Other Parameters</b>	<b>EMI Filter</b>	Internal band EMI filter
	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	0.892kg
	<b>Gross Weight</b>	0.966kg
	<b>Installation Mode</b>	Rail
<b>Measure</b>	<b>Outline Dimension</b>	63*113.5*125.2mm
	<b>Packing Size</b>	70*170*130mm
	<b>Application Areas</b>	Industrial control systems Semiconductor manufacturing equipment Rail transportation Factory automation Electromechanical equipment other external industrial equipment in harsh environments

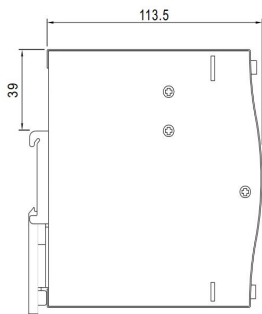
**安装尺寸 Installation Size**



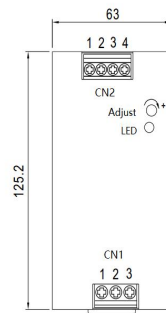
Top View



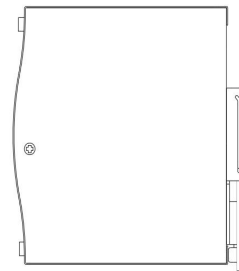
Bottom View



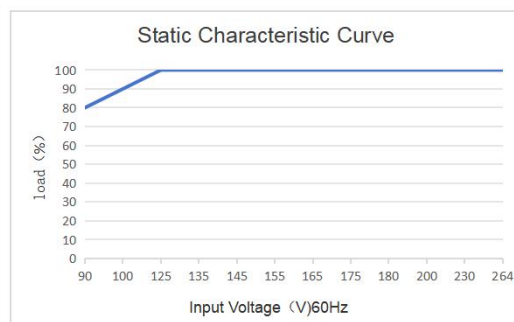
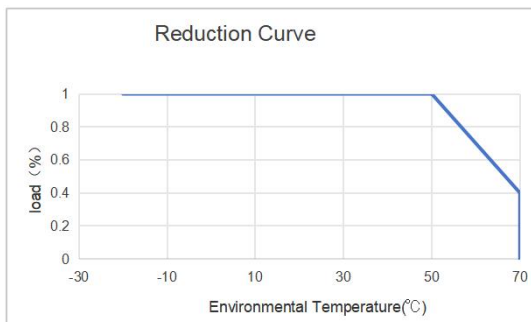
Side View A



Front View



Side View B



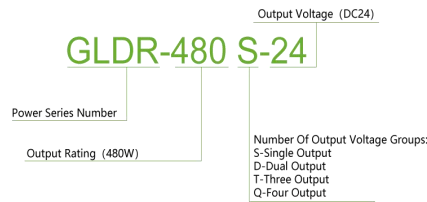
**GLDR-480S SERIES**

**Product features :**

- Internationally recognized full range AC input
- Operating temperature range: -20°C to +60°C
- Low ripple noise
- Output short circuit, over-current, over-voltage, over-temperature protection
- 100% full load aging
- Mountable on TS-35/7.5/15
- Small size: suitable for small chassis and confined space installations

**Product Description :**

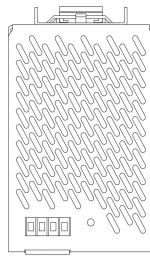
GLDR series belongs to single-phase metal rail series power supply, power range is 75-480W, the power supply small size, light weight, compact structure, standard DIN-rail mounting for customers to save a lot of space. It has the advantages of high cost performance, high energy efficiency, standard DIN-rail mounting (35mm), compact structure, high stability and strong anti-interference ability. The whole series can work in -20°C to 60°C ambient temperature under air circulation condition, it has constant current mode overload protection function, suitable for a variety of inductive or capacitive load applications.

**Model Naming Rules:**
**AC/DC Single Output:**


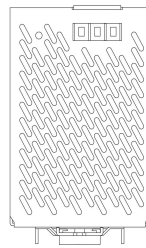
Model		GLDR-480S-24V	GLDR-480S-48V
Serial Number		GLDR AC/DC	
Specifications And Models		480S-24	480S-48
Output Characteristics	Output Voltage	24V	48V
	Rated Current	20A	10A
	Rated Power	480W	
	Output Voltage Accuracy	≤ ±1%	
	Linear Adjustment Rate	≤ ±0.5%	
	Ripple And Noise	≤ 1% Vout	
	Temperature Coefficient	≤ 0.03%/°C@0-50°C (maximum)	
	Adjustable Range	±10%(Rated output voltage)	
	Overvoltage Range	29-33V	
	Overall Efficiency	≥ 92.5%	90%
Rise Time	100ms 115Vac/230Vac (at full load)		
Hold Time	16ms/115Vac/230 Vac		
Input Characteristics	Input Voltage	90-264VAC 127-370VDC	
	Input Frequency	47~63HZ	
	Power Factor	PF ≥ 0.94 (at full load)	
	Surge Current	20A/115VAC 35A/230VAC (cold)	

Environmental Characteristics	Working Temperature	-20°C~+60°C@ (derating above +50°C (Please refer to the "Reduction Curve"). -20°C~+50°C@100%, +55°C@80%, +60°C@70%
	Storage Temperature	-40°C~+85°C
	Humidity	10%~95%RH(No condensation)
Safety Characteristics	Insulation Strength	Vin~Vout/3000VAC/min Vin~FG/2000VAC/min Vout~FG/500VAC/min
	Withstand Resistance	≥100MΩ
	Leakage Current	<2mA/240VAC
	Protection Function	Short-circuit protection: (shutdown type). Overload protection: 105%-130% (constant current mode, restored after removing abnormalities). Over-voltage protection: shut down the output, restored after reboot. Overheat protection: shut down the output, restored after reboot.
	MTBF	MTBF>5x10^5h@25 °C
Design Standard	Safety Standard	The design conforms to GB4943. EN 62368-1 UL 62368-1
	EMC Standard	Designed to EN 55032.ClassC EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
Other Parameters	EMI Filter	Internal band EMI filter
	Finished Product Guarantee	100% full load aging
	Quality Assurance	5-year warranty
	Cooling Mode	Natural cooling
	Net Weight	1.128kg
	Gross Weight	1.194kg
	Installation Mode	Rail
Measure	Outline Dimension	85.5*128.5*125.2mm
	Packing Size	88*151mm*133mm
	Application Areas	Industrial control systems Semiconductor manufacturing equipment Rail transportation Factory automation Electromechanical equipment other external industrial equipment in harsh environments

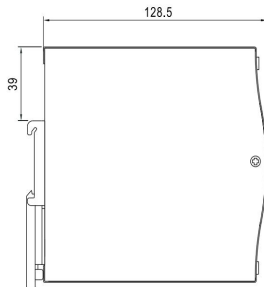
安装尺寸 Installation Size



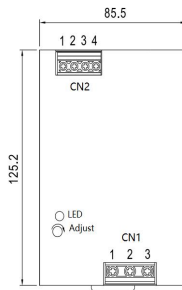
Top View



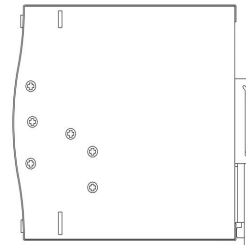
Bottom View



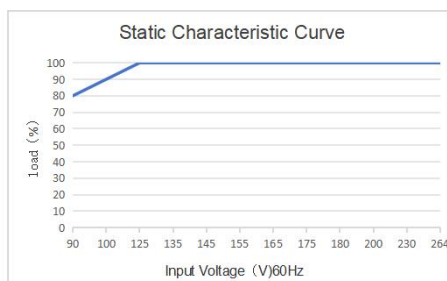
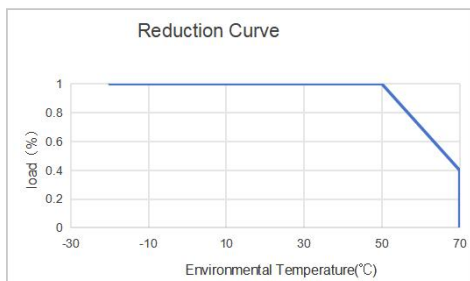
Side View A



Front View



Side View B





DDR-60S  
DDR-60S SERIES



**Product features:**

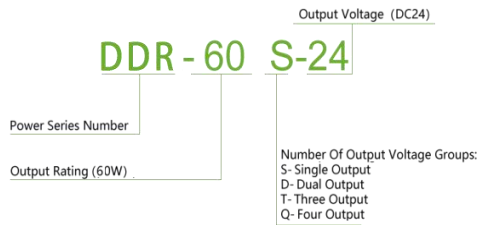
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -10°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

DDR-60S series is a 60W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 5V、12V、15V、24V、48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

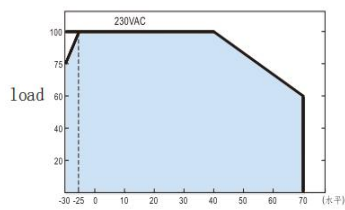
**Model Naming Rules:**

AC/DC SINGLE OUTPUT

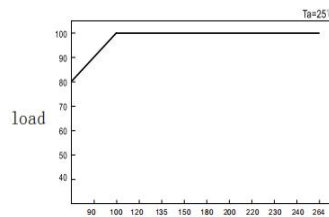


Model		DDR-60S				
Serial Number		DDR-60S-5V	DDR-60S-12V	DDR-60S-15V	DDR-60S-24V	DDR-60S-48V
Output Characteristics	Output Voltage	5V	12V	15V	24V	48V
	Rated Current	7.2A	4.5A	4A	2.5A	1.25A
	Rated Power	60W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥82%	≥85%	≥86%	≥88%	≥88%
	Rise Time	50ms(220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	50A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-10°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>5</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	165g
	<b>Gross Weight</b>	178.7g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	52.5*90*54.5mm
	<b>Packing Size</b>	58*98*65mm
	<b>Installation Size</b>	
<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	



Ambient temperature (°C)





DDR-100S  
DDR-100S SERIES



**Product features:**

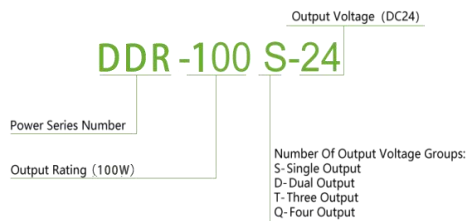
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

DDR-100S series is a 100W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 12V, 15V, 24V, 36V, 48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

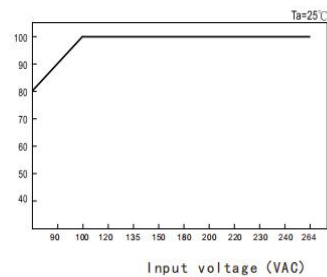
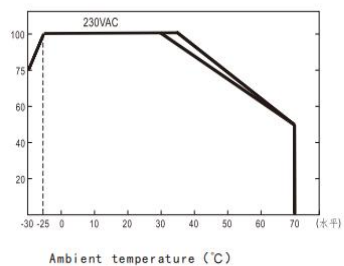
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		DDR-100S				
Serial Number		DDR-100S-12V	DDR-100S-15V	DDR-100S-24V	DDR-100S-36V	DDR-100S-48V
Output Characteristics	Output Voltage	12V	125V	24V	36V	48V
	Rated Current	7.5A	6.5A	4.2A	2.7A	2.1A
	Rated Power	100W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥88%	≥88%	≥88%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>5</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	227g
	<b>Gross Weight</b>	243g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	70*90*54.5mm
	<b>Packing Size</b>	75*98*67mm
	<b>Installation Size</b>	
<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	





DDR-150S  
DDR-150S SERIES



**Product features:**

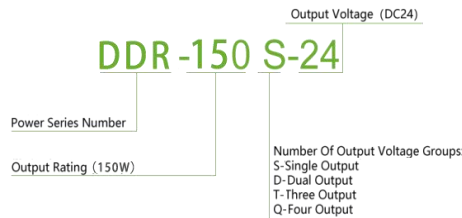
- 110/220VAC(through switch selection)
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

DDR-150S series is a 150W single output enclosed power supply with 54.5mm low profile design, with 110/220VAC(through switch selection) input. The whole series provides 12V, 15V, 24V, 36V, 48V DCOUPT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial

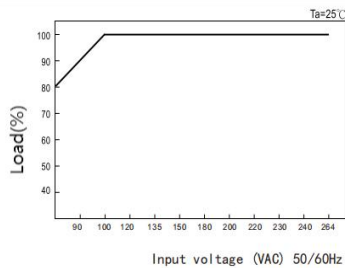
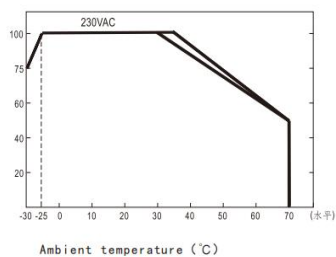
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		DDR-150S				
Serial Number		DDR-150S-12V	DDR-150S-15V	DDR-150S-24V	DDR-150S-36V	DDR-150S-48V
Output Characteristics	Output Voltage	12V	125V	24V	36V	48V
	Rated Current	11.3A	9.5A	6.2A	4.2A	3.2A
	Rated Power	150W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥88%	≥88%	≥88%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	110/220VAC(through switch selection)				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>5</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	298g
	<b>Gross Weight</b>	326g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	105*90*54.5mm
	<b>Packing Size</b>	110*97*68mm
	<b>Installation Size</b>	
<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	





LDR-60S  
LDR-60S SERIES



**Product features:**

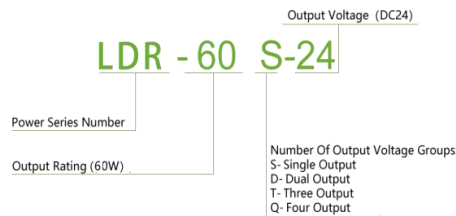
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -10°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

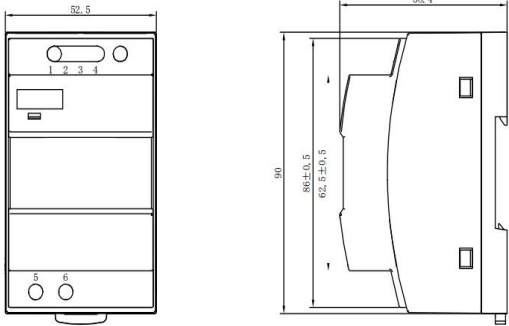
LDR-60S series is a 60W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 5V、12V、15V、24V、48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

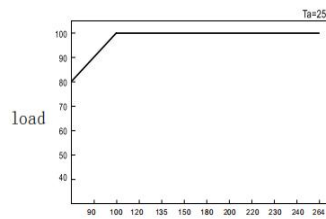
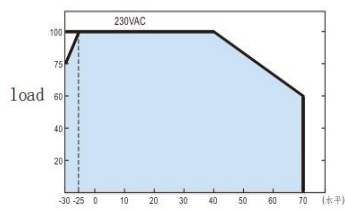
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		LDR-60S				
Serial Number		LDR-60S-5V	LDR-60S-12V	LDR-60S-15V	LDR-60S-24V	LDR-60S-48V
Output Characteristics	Output Voltage	5V	12V	15V	24V	48V
	Rated Current	7.2A	4.5A	4A	2.5A	1.25A
	Rated Power	60W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥82%	≥85%	≥86%	≥88%	≥88%
	Rise Time	50ms(220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	50A/230VAC(cold)				

Environmental Characteristics	Working Temperature	-10°C ~ +70°C
	Storage Temperature	-40°C ~ +85°C
	Humidity	20%~95%RH(No condensation)
Safety Characteristics	Insulation Strength	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	Withstand Resistance	≥100MΩ
	Leakage Current	<0.5mA/230VAC
	Protection Function	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	MTBF	MTBF> 5x10^5h
Other Parameters	Finished Product Guarantee	100% full load aging
	Quality Assurance	5-year warranty
	Cooling Mode	Natural cooling
	Net Weight	153.5g
	Gross Weight	168g
	Installation Mode	Vertical/horizontal installation
Measure	Outline Dimension	52.5*90*54.5mm
	Packing Size	55*98*65mm
	Installation Size	
Application	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	



Ambient temperature (°C)



LDR-100S  
LDR-100S SERIES



**Product features:**

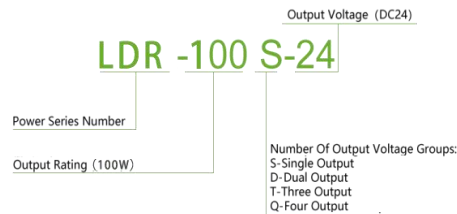
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

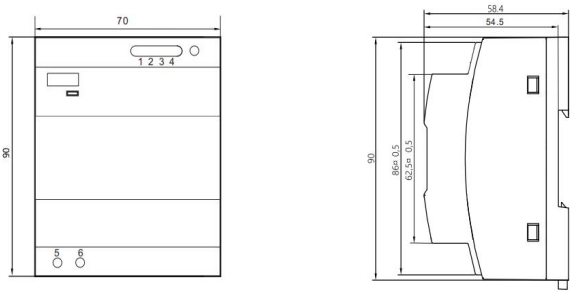
LDR-100S series is a 100W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 12V, 15V, 24V, 36V, 48V DCOUPT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

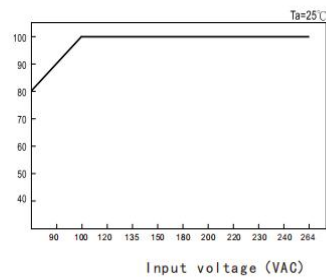
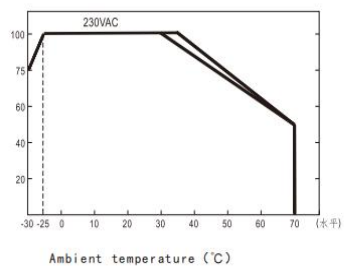
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		LDR-100S				
Serial Number		LDR-100S-12V	LDR-100S-15V	LDR-100S-24V	LDR-100S-36V	LDR-100S-48V
Output Characteristics	Output Voltage	12V	125V	24V	36V	48V
	Rated Current	7.5A	6.5A	4.2A	2.7A	2.1A
	Rated Power	100W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥88%	≥88%	≥88%
	Rise Time	50ms(220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>5</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	216g
	<b>Gross Weight</b>	232.1g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	70*90*54.5mm
	<b>Packing Size</b>	75*95*65mm
	<b>Installation Size</b>	
<b>Aapplication</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	





LDR-150S  
LDR-150S SERIES



**Product features:**

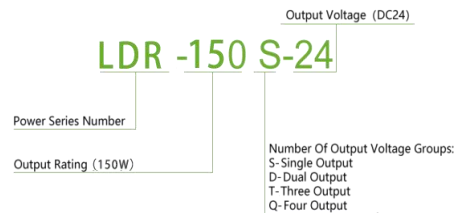
- 110/220VAC(through switch selection)
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

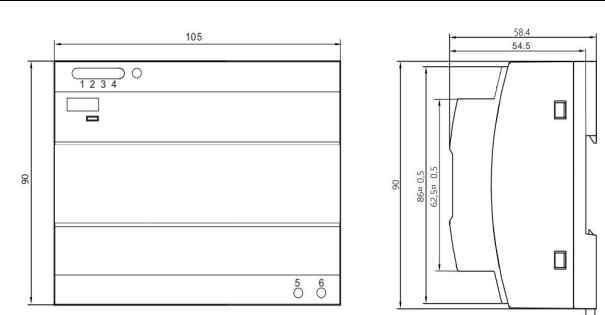
LDR-150S series is a 150W single output enclosed power supply with 54.5mm low profile design, with 110/220VAC(through switch selection) input. The whole series provides 12V, 15V, 24V, 36V, 48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial

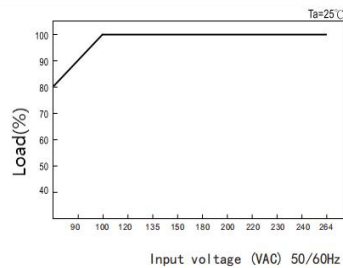
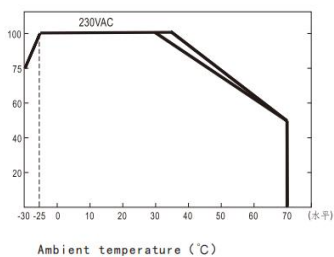
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		LDR-150S				
Serial Number		LDR-150S-12V	LDR-150S-15V	LDR-150S-24V	LDR-150S-36V	LDR-150S-48V
Output Characteristics	Output Voltage	12V	125V	24V	36V	48V
	Rated Current	11.3A	9.5A	6.2A	4.2A	3.2A
	Rated Power	150W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥88%	≥88%	≥88%
	Rise Time	50ms(220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	110/220VAC(through switch selection)				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>5</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	293g
	<b>Gross Weight</b>	321.3g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	105*90*54.5mm
	<b>Packing Size</b>	110*97*68mm
	<b>Installation Size</b>	
<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters	





TDR-15S  
TDR-15S SERIES



**Product features:**

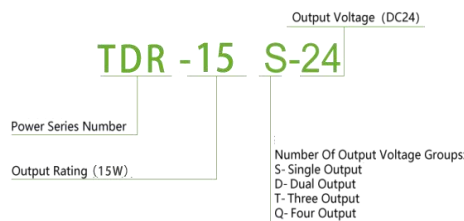
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

TDR-15S series is a 15W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 5V, 12V, 15V, 24V, 48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

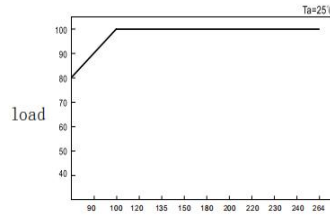
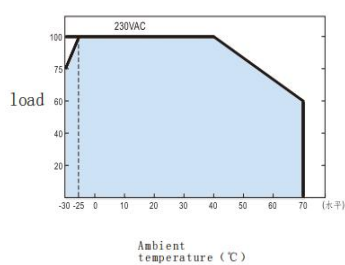
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		TDR-15S				
Serial Number		TDR-15S-5V	TDR-15S-12V	TDR-15S-15V	TDR-15S-24V	TDR-15S-48V
Output Characteristics	Output Voltage	5V	12V	15V	24V	48V
	Rated Current	2.4A	1.25A	1A	0.63A	0.32A
	Rated Power	15W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥80%	≥85%	≥85%	86%	≥87%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	45A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-130% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-130% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>4</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	60g
	<b>Gross Weight</b>	69.15g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	17.5*90*54.5mm
	<b>Packing Size</b>	23*98*65mm
	<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters





TDR-30S  
TDR-30S SERIES



**Product features:**

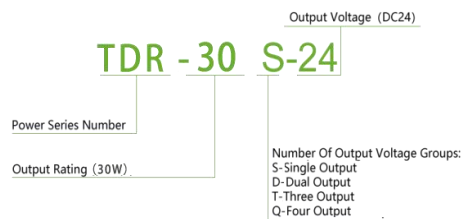
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

TDR-30S series is a 30W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 5V、12V、15V、24V、48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

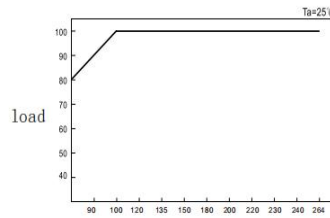
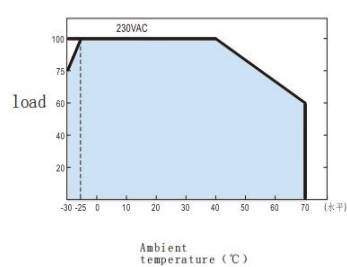
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		TDR-30S				
Serial Number		TDR-30S-5V	TDR-30S-12V	TDR-30S-15V	TDR-30S-24V	TDR-30S-48V
Output Characteristics	Output Voltage	5V	12V	15V	24V	48V
	Rated Current	3A	2A	2A	1.5A	0.75A
	Rated Power	30W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥82%	≥85%	≥86%	≥88%	≥88%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	40A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-130% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-130% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>4</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	110g
	<b>Gross Weight</b>	122g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	35*90*54.5mm
	<b>Packing Size</b>	38*95*65mm
	<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters





TDR-60S  
TDR-60S SERIES



**Product features:**

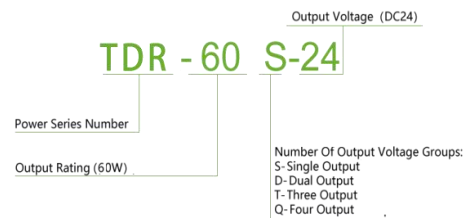
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -10°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

TDR-60S series is a 60W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 5V、12V、15V、24V、48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

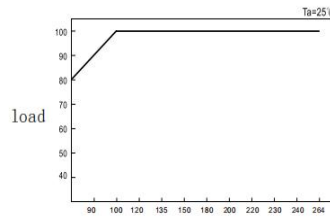
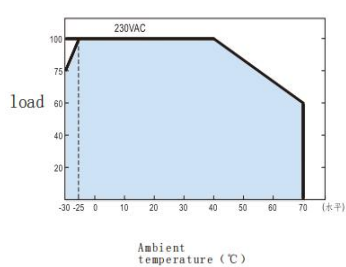
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		TDR-60S				
Serial Number		TDR-60S-5V	TDR-60S-12V	TDR-60S-15V	TDR-60S-24V	TDR-60S-48V
Output Characteristics	Output Voltage	5V	12V	15V	24V	48V
	Rated Current	6.5A	4.5A	4A	2.5A	1.25A
	Rated Power	60W				
	Output Voltage Stability	2.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥82%	≥85%	≥86%	≥88%	≥88%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	50A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-10°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>4</sup> h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	152g
	<b>Gross Weight</b>	166g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	52.5*90*54.5mm
	<b>Packing Size</b>	57*98*65mm
	<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters





TDR-100S  
TDR-100S SERIES



**Product features:**

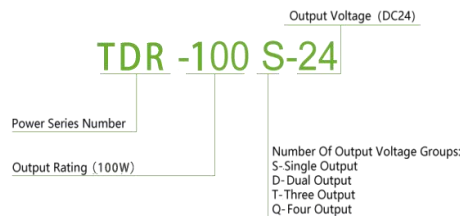
- 85-264VAC/120-370VDC input
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

TDR-100S series is a 100W single output enclosed power supply with 54.5mm low profile design, with 85-264VAC/120-370VDC input. The whole series provides 12V, 15V, 24V, 36V, 48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial applications.

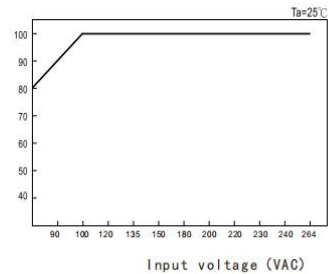
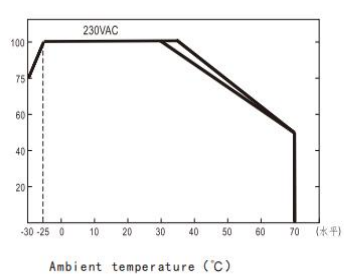
**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		TDR-100S				
Serial Number		TDR-100S-12V	TDR-100S-15V	TDR-100S-24V	TDR-100S-36V	TDR-100S-48V
Output Characteristics	Output Voltage	12V	15V	24V	36V	48V
	Rated Current	7.5A	6.5A	4.2A	2.7A	2.1A
	Rated Power	100W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥88%	≥88%	≥88%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	85-264VAC 120-370VDC				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>4</sup> 5h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	211.5g
	<b>Gross Weight</b>	228g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	70*90*54.5mm
	<b>Packing Size</b>	75*95*65mm
	<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters





TDR-150S  
TDR-150S SERIES



**Product features:**

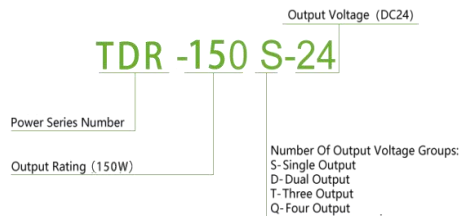
- 110/220VAC(through switch selection)
- The key devices are well-known brands at home and abroad
- Low standby power consumption, high efficiency, long life and high reliability
- Operating temperature range: -30°C to +70°C
- Ultra-thin design saves installation space
- Digital display of input and output voltage
- 100% Full load burn test
- Can be operated at altitudes of ≤5000 meters
- Overload, short circuit, overcurrent protection

**Product Description:**

TDR-150S series is a 150W single output enclosed power supply with 54.5mm low profile design, with 110/220VAC(through switch selection) input. The whole series provides 12V、15V、24V、36V、48V DCOUTPUT. This series has complete protection function and anti-5G vibration ability; And it has super high efficiency, compact shell design and good heat dissipation, which ensures the long-term stable work of this series of products and provides a cost-effective solution for various industrial

**Model Naming Rules:**

AC/DC SINGLE OUTPUT



Model		TDR-150S				
Serial Number		TDR-150S-12V	TDR-150S-15V	TDR-150S-24V	TDR-150S-36V	TDR-150S-48V
Output Characteristics	Output Voltage	12V	15V	24V	36V	48V
	Rated Current	11.3A	9.5A	6.25A	4.1A	3.2A
	Rated Power	150W				
	Output Voltage Stability	1.0%	1.0%	1.0%	1.0%	1.0%
	Linear Adjustment Rate	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%
	Ripple And Noise	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout	≤1% Vout
	Temperature Coefficient	≤0.02%/°C(Maximum)				
	Adjustable Range	±10%(Rated output voltage)				
	Overall Efficiency	≥87%	≥87%	≥89%	≥90%	≥91%
	Rise Time	50ms (220Vac, at full load)				
Hold Time	20ms(220Vac, when fully loaded)					
Input Characteristics	Input Voltage	110/220VAC(through switch selection)				
	Input Frequency	47~63HZ				
	Surge Current	70A/230VAC(cold)				

<b>Environmental Characteristics</b>	<b>Working Temperature</b>	-30°C ~ +70°C
	<b>Storage Temperature</b>	-40°C ~ +85°C
	<b>Humidity</b>	20%~95%RH(No condensation)
<b>Safety Characteristics</b>	<b>Insulation Strength</b>	input-output:800VAC, input-output:100Mhms/500VDC/25°C/70%RH
	<b>Withstand Resistance</b>	≥100MΩ
	<b>Leakage Current</b>	<0.5mA/230VAC
	<b>Protection Function</b>	Overload protection: 110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed). Overcurrent protection:110%-150% (hiccup protection, automatically recovered after abnormal conditions are removed) . Short circuit protection: hiccup protection, automatically recovered after abnormal conditions are removed.
	<b>MTBF</b>	MTBF> 5x10 <sup>4</sup> 5h
<b>Other Parameters</b>	<b>Finished Product Guarantee</b>	100% full load aging
	<b>Quality Assurance</b>	5-year warranty
	<b>Cooling Mode</b>	Natural cooling
	<b>Net Weight</b>	272g
	<b>Gross Weight</b>	300g
	<b>Installation Mode</b>	Vertical/horizontal installation
<b>Measure</b>	<b>Outline Dimension</b>	105*90*54.5mm
	<b>Packing Size</b>	110*97*68mm
	<b>Application</b>	Household appliances Information industry Industrial control Production and manufacturing industry Electrical apparatus Instruments and meters

