



# CATALOGUE

## 至纭电源产品目录

Zhihong Power Product Catalogue

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## 关于至纭电源

深圳市至纭信息技术有限公司电源事业部，简称“至纭电源”，专注于高频开关电源产品的研发、生产和销售，以服务客户为己任，立足于自主研发，专业打造高质量的产品，应用于军工设备、通信设备、工业设备、安防设施、LED路灯等各行各业。

研发能力上，覆盖了AC/DC和DC/DC领域，功率范围覆盖数W到数千W等级。产品的功率密度达到 $17W/inch^3$ 。严格的测试标准、先进的测试设备、领先的测试手段、完善的测试流程。

研发优势上，完善的研发、测试流程和开发平台，确保4~12周内完成初样；具有极强的新产品开发和快速响应能力，延续国际电源大公司的先进设计理念，紧跟世界电源新技术的发展，推出各种满足用户需求的高性能、高可靠性、低设计成本的电源产品。与元器件生产厂家有良好的合作关系，使得产品从研发到生产高效、低成本。

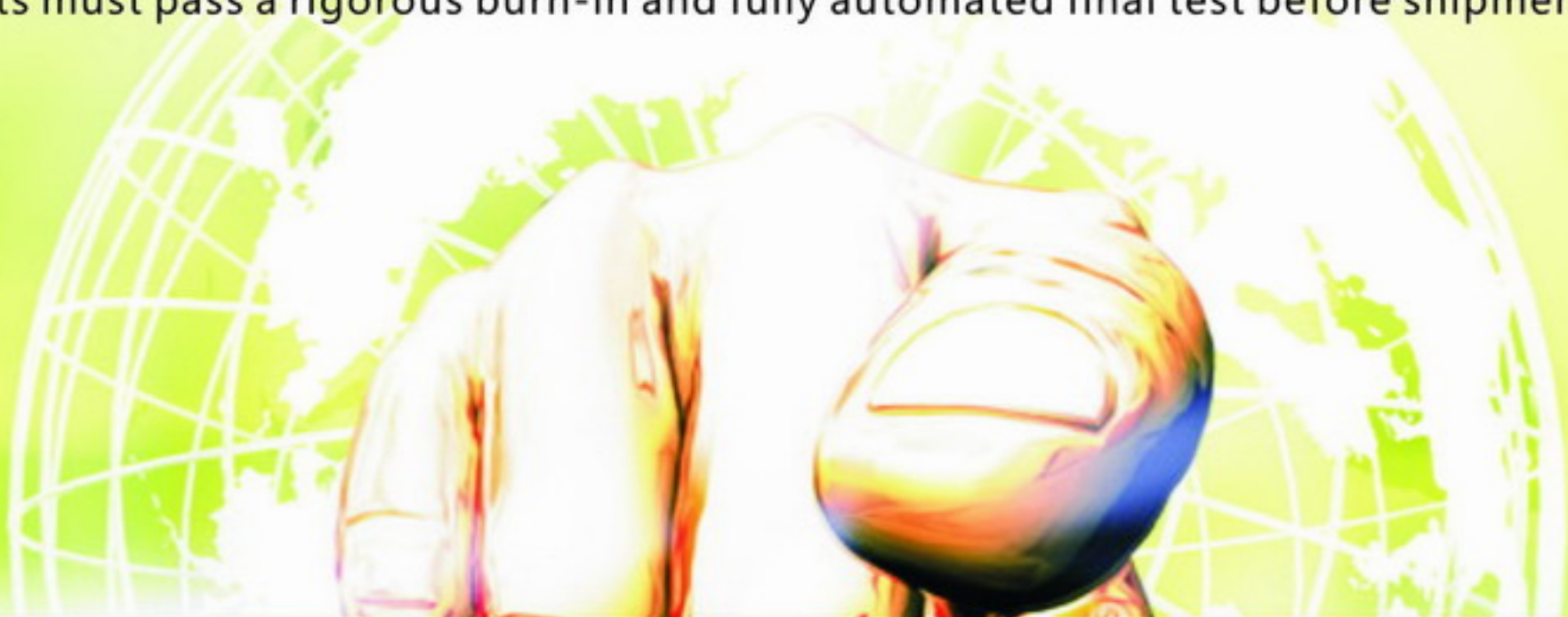
## ABOUT ZHIHONG POWER

Shenzhen Zhihong Information Technology Company Limited (Abbr.: Zhihong Power) is a supplier of switch mode power conversion products to the communications and electrical equipments, industrial, medical and consumer markets. We design and manufacture military and industry standard, RoHS compliant, LED power drivers, power adapters and open frame power supplies.

Our current offering comprise over 500 products including single and multiple output adapters from 5W to 100W and industrial power supplies from 1W to 3000W.

We also offers modified standard and custom power conversion products. We're expert in the design and manufacture of power supplies engineered to customers' requirements. Emphasis is placed on reliability, rapid prototyping and adherence to cost targets. Products are designed for manufacturability using the latest simulation techniques, test equipments and computer aided design tools.

Quality and process control is insured using a variety of statistical sampling and analysis techniques throughout the manufacturing cycle. In addition, all products must pass a rigorous burn-in and fully automated final test before shipment.





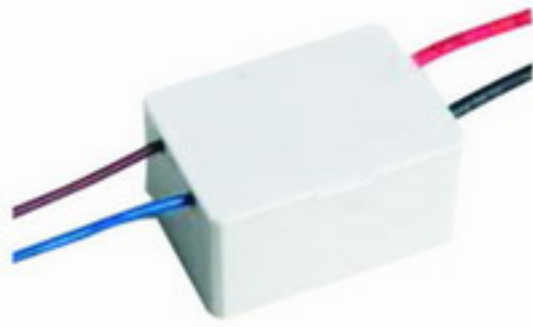


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### 20W系列LED电源 20W Series of LED Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD20S	205-255Vac, 50Hz	180-215	0.090	87%	2.5V	20	防水与否可选 /Waterproof or NO
ZHAD20T		180-215	0.030	87%	2.5V	20	
		180-215	0.030				
		180-215	0.030				



### 65W系列LED电源 65W Series of LED Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD65S	90-264Vac, 4 7-63Hz	40-50	1.440	88%	1V	65	防水与否可选 /Waterproof or NO
ZHAD65D		40-50	0.720	88%	1V	65	
		40-50	0.720		1V		
ZHAD65T		40-50	0.480	88%	1V	65	
		40-50	0.480		1V		
		40-50	0.480		1V		



### 125W系列LED路灯电源 125W Series of LED Street Lamp Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD125S	90-264Vac, 4 7-63Hz	70-90	1.400	87%	1V	125	Waterproof or NO
ZHAD125D		70-90	0.700	87%	1V	125	
		70-90	0.700				
ZHAD125Q		70-90	0.350	87%	1V	125	
		70-90	0.350				
		70-90	0.350				
		70-90	0.350				



### 150W系列LED路灯电源 150W Series of LED Street Lamp Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD150S	180-264Vac, 47-63Hz	70-210	0.700	92%	2.5V	147	Waterproof or NO
ZHAD150D		70-210	0.350	92%	2.5V	147	
		70-210	0.350				



### 300W系列开关电源 300W Series of Switching Mode Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD300S3V3	90-264Vac , 47-63Hz	3.3	50	87%	80	165	自冷/natural cooling
ZHAD300S5V		5	50	87%	80	250	
ZHAD300S12V		12	25	88%	100	300	
ZHAD300S15V		15	20	89%	100	300	
ZHAD300S24V		24	12.5	89%	150	300	
ZHAD300S36V		36	8.3	90%	150	300	
ZHAD300S48V		48	6.25	91%	150	300	



### 350W系列开关电源 350W Series of Switching Mode Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD350S3V3	90-264Vac , 47-63Hz	3.3	70	87%	80	231	自冷/ self-cooling
ZHAD350S5V		5	70	87%	80	350	
ZHAD350S12V		12	29.2	87%	100	350	
ZHAD350S15V		15	23.4	88%	100	350	
ZHAD350S24V		24	14.6	89%	150	350	
ZHAD350S36V		36	9.7	91%	150	350	
ZHAD350S48V		48	7.3	92%	150	350	





## 500W系列开关电源 500W Series of Switching Mode Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD500S12V	90-264Vac , 47-63Hz	12	41.6	87%	100	500	风冷/forced cooling with built-in fan
ZHAD500S24V		24	20.8	89%	100	500	
ZHAD500S48V		48	10.4	92%	150	500	



## 750W系列开关电源 750W Series of Switching Mode Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD750S24V	90-264Vac , 47-63Hz	24	31.2	89%	150	750	风冷/forced cooling with built-in fan
ZHAD750S36V		36	20.8	91%	180	750	
ZHAD750S48V		48	15.6	92%	180	750	



## 1200W系列通信电源、工业电源 1200W Series of Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD1200S12V	90-132Vac , 47-63Hz	12	100	87%	120	1200	风冷/forced cooling with built-in fan
ZHAD1200S24V		24	50	89%	150	1200	
ZHAD1200S36V		36	33.3	91%	180	1200	
ZHAD1200S48V		48	25	92%	180	1200	



1600W系列通信电源、工业电源  
1600W Series of Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD1600S12V	180-264Vac , 47-63Hz	12	133.4	87%	120	1600	风冷/forced cooling with built-in fan
ZHAD1600S24V		24	66.7	89%	150	1600	
ZHAD1600S36V		36	44.5	91%	180	1600	
ZHAD1600S48V		48	33.4	92%	180	1600	



750W通信电源、工业电源  
750W Series of Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD750S24V	90-264Vac , 47-63Hz	24	31.2	89%	150	750	风冷/forced cooling with built-in fan
ZHAD750S36V		36	20.8	91%	180	750	
ZHAD750S48V		48	15.6	92%	180	750	



56W通信电源  
56W Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD56S	180-264Vac, 47-63Hz	13.8	4	87%	100	55.2	





## 43W医疗设备开关电源 43W Series of Medical Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD45D	90-264Vac , 47-63Hz	5	2.5	87%	50	42.5	自冷/free air cooling
		12	2.5		100		



## 65W医疗设备开关电源 65W Series of Medical Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD65S	90-264Vac , 47-63Hz	15	4.3	87%	100	64.5	自冷/free air cooling





5W军工电源，军用设备电源  
5W Military Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD5S5V-J	90-264Vac, 47-63Hz	5	1	87%	50	5	自冷/free air cooling

图片省略

184W五路输出军工电源，军用设备电源  
184W Military Power Supply, 5 Outputs

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD184M-J	176-264Vac, 47-63Hz; 19.5~31.5Vdc	5	4	87%	50	184	1、自冷/free air cooling。 2、交流或直流 输入。
		5	4		50		
		-12	1		100		
		12	1		100		
		24	5		150		

图片省略

304W两路输出军工电源，军用设备电源  
304W Military Power Supply, Dual Outputs

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD304D-J	176-264Vac, 47-63Hz	24	6	87%	150	304	自冷/free air cooling
		29.6	5.4		150		



### 480W安防电源

### 480W Security and Protection Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD480S12V	90-264Vac, 47-63Hz	12	40	87%	100	480	带电池 /battery backup



### 1000W安防电源

### 1000W Security and Protection Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD1000S24V	90-264Vac , 47-63Hz	24	40	87%	150	960	带电池 /battery backup





### 150W系列防雨电源 150W Series of Outdoor Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD150S5V	90-264Vac , 47-63Hz	5	30	88%	50	150	自冷/ self-cooling
ZHAD150S9V		9	16.7	88%	50	150	
ZHAD150S12V		12	12.5	88%	100	150	
ZHAD150S15V		15	10	88%	100	150	
ZHAD150S24V		24	6.5	89%	150	150	
ZHAD150S27V		27	5.6	90%	150	150	
ZHAD150S48V		48	3.2	91%	150	150	



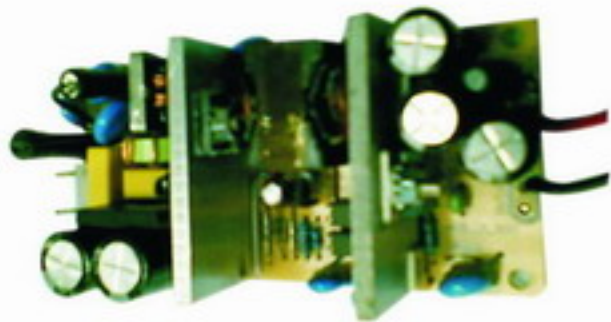
### 360W系列防雨电源 360W Series of Outdoor Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD360S5V	90-264Vac , 47-63Hz	5	70	87%	50	370	风冷/Forced air cooling
ZHAD360S12V		12	30	88%	100	360	
ZHAD360S15V		15	24	89%	100	360	
ZHAD360S24V		24	15	90%	100	360	



### 7.5W系列防雨电源 7.5W Waterproof Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD7W5S7V5	90-264Vac , 47-63Hz	7.5	1	87%	50	960	Waterproof or no



### 15W裸板通信电源 15W Open Frame Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD15S5V	90-264Vac, 47-63Hz	5	3	87%	50	15	自冷/free air cooling



### 30W裸板通信电源 30W Open Frame Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD15S5V	90-264Vac, 47-63Hz	5	6	87%	50	30	自冷/free air cooling



### 65W裸板通信电源 65W Open Frame Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD65S53V	90-264Vac, 47-63Hz	53	1.24	87%	180	65	自冷/free air cooling





500W裸板通信电源  
500W Open Frame Telecommunication Power Supply

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD500S13V 8	90-264Vac, 47-63Hz	13.8	36	87%	120	500	自冷/free air cooling



18W可更换插头电源适配器  
18W Replaceable Plug Power Adapter

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD18S12V	90-264Vac, 47-63Hz	12	1.5	87%	150	18	



5W系列USB电源适配器  
5W Series of USB Power Adapter

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD2W5S5V	90-264Vac, 47-63Hz	5	0.5	87%	50	2.5	
ZHAD5S5V		5	1	87%	50	5	



12W插墙型电源适配器  
12W Wall-mounted Power Adapter

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD12S12V	90-264Vac, 47-63Hz	12	1	87%	150	12	



48W桌面型电源适配器  
48W Desk-Top Power Adapter

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD48S24V	90-264Vac, 47-63Hz	24	2	87%	180	48	





更多产品/More Specifications

Model No.	I/P Condition	O/P Conditions		Efficiency	Ripple & Noise (mV)	Power (W)	Remark
		Voltage (V)	Current (A)				
ZHAD11D	180-264Vac, 47-63Hz	5	0.5	87%	50	10	Waterproof or no
		28	0.3		150		
ZHAD25S5V	90-264Vac, 47-63Hz	5	5	87%	50	25	裸板 /On-board
ZHAD44D	90-264Vac, 47-63Hz	3.3	8	87%	33	44	裸板 /On-Board
		5	3.5		50		
ZHDD57T	36-72Vdc	3.3	4	87%	33	57	开架/Open Frame
		5	3.5		50		
		8.5	3		85		
ZHAD60T	90-264Vac, 47-63Hz	3.3	4.5	87%	33	60	开架/Open Frame
		5	3.5		50		
		8.5	3.2		85		
ZHAD132S12V	90-264Vac, 47-63Hz; Or 36-72Vdc	12	11	87%	100	132	封闭式 /Enclosed
ZHAD179T	90-264Vac, 47-63Hz	9	3	87%	90	179	封闭式 /Enclosed
		12	1		100		
		28	5		150		
ZHAD180S12V	90-264Vac, 47-63Hz; or 36-72Vdc	12	15	87%	100	180	封闭式 /Enclosed
ZHAD203Q	90-264Vac, 47-63Hz	9	3	87%	90	203	封闭式 /Enclosed
		9	5		90		
		16.4	0.3		150		
		28	4.5		150		
ZHAD216S27V	90-264Vac, 47-63Hz	27	8	87%	150	216	封闭式 /Enclosed
ZHAD315D	90-264Vac, 47-63Hz	9	5	87%	90	315	封闭式 /Enclosed
		27	10		150		
ZHAD380S48V	90-264Vac, 47-63Hz	48	7.92	88%	150	380	开架/Open Frame
ZHDD400S	36-72Vdc	5-48	5-30	87%	100	400	封闭式 /Enclosed
ZHAD525D	90-264Vac, 47-63Hz; or -52~-55Vdc	-50	7.5	75%	400	520	封闭式 /Enclosed
		12	12.5		120		

# 《淮南子 精神训》

夫天地之道，至纮以大，  
尚犹节其章光，爱其神明……



## 深圳市至纮信息技术有限公司

地址：中国广东省深圳市宝安区13区107国道258号镇南工业大厦B栋

电话：( + ) 86- ( 0 ) 755-27823939

传真：( + ) 86- ( 0 ) 755-26462315

网址：www.topech.com

**Shenzhen Zhihong Information Technology Company Limited**

Address: B# of Zhennan Industrial Building, No. 258 on 107 Country Road, Bao'An District, Shenzhen City, China. 518101

Tel: ( + ) 86- ( 0 ) 755-27823939

Fax: ( + ) 86- ( 0 ) 755-26462315

Web: www.topech.com