

**GUANGDONG YIBENYUAN POWER SUPPLY EQUIPMENT CO., LTD**  
**GUANGZHOU IDEALPLUSING INFORMATION TECHNOLOGY CO.,LTD**

Tel: +86-20-89282095 ; Mobile/WhatsApp: +86-15989132799 EMAIL: [info@idealplusing.com](mailto:info@idealplusing.com) Website: [www.idealplusing.com](http://www.idealplusing.com) [www.ybyps.com](http://www.ybyps.com)  
 Factory #1 ADD: 7/F, Block A, Cabo Tec. park, North of HuaFa Road, Gongming, Guangming new Dis., SZ, China.

**YBY-ATDH500300 500V 300A DC POWER SUPPLY**

<b>MAIN SPECIFICATION</b>				
Model	<b>YBY-ATDH500300</b>			
AC INPUT	Input method	Single-phase		
	Voltage	220VAC ±10%		
	Frequency	50Hz/60Hz		
	Input current	255A		
DC OUTPUT	Rated power	15000W		
	Output voltage	DC 0-500V continuously adjustable		
	Output current	DC 0-300A continuously adjustable		
	Voltage output accuracy	±0.5% FS within 50V-500V range		
	Current output accuracy	±0.5% FS within 30A-300A range		
	Display resolution-Voltage	0.1V		
	Display resolution-Current	0.1A		
	Working efficiency	≥90%		
	Power factor	≥0.95		
	Working characteristics	The voltage and current can be adjusted from 0 to the maximum value, and the working mode can be selected.		
Output display	LED digital display for output voltage and current			
Adjusting Method	Potentiometer knob or Touch Panel ( Check with sales person )			
Communication Port	RS485 or RS232 ( Check with sales person )			
Protected mode	Automatic protection against phase loss, over-heating, over-voltage, over-current, short-circuit, and other faults			
Safety features	Insulation resistance	≥20MΩ		
	Voltage withstand performance	2000VDC test for 60S, no arcing or breakdown		
Work Environment	Ambient temperature	(-15°C ~ 45°C)		
	Ambient humidity	≤90% (no condensation)		
Protection level	IP20			
Cooling method	Air Cooling			
Dimension of the dc power supply	L800*W900*H1950 (MM)			
Dimension of the wooden package	L890*W950*H2150 (MM)			
Net Weight & Gross Weight	430KG/505KG			
We specialize in customizing DC power supply to meet your specific requirements.				
With customized input and output voltage and current, our offerings range from 0V to 2000V DC and 0A to 20000A. We provide AC-DC solutions for the motor category or electrical appliances testing or Lab testing, electrochemistry, electrolysis, electroplating, and anodizing.				
Please visit our website and submit any inquiries to explore our capabilities further. Our dedicated team endeavors to respond within one hour.				
<b>APPLICATION SCOPE</b>				
1	Motor: electric car motor, electric car controller, DC motor testing and aging debugging, etc.			
2	Electric appliances: LED/LCD testing and aging, energy-saving bulb testing and aging, lamp testing, tungsten gasification, etc.			
3	Automotive: starter motor, auto air conditioner, auto motor controller, auto light, cigarette lighter, auto AV testing and aging, etc.			

**GUANGDONG YIBENYUAN POWER SUPPLY EQUIPMENT CO., LTD**  
**GUANGZHOU IDEALPLUSING INFORMATION TECHNOLOGY CO.,LTD**

Tel: +86-20-89282095 ; Mobile/Whatsapp: +86-15989132799 EMAIL: [info@idealplusing.com](mailto:info@idealplusing.com) Website: [www.idealplusing.com](http://www.idealplusing.com) [www.ybyps.com](http://www.ybyps.com)  
 Factory #1 ADD: 7/F, Block A, Cabo Tec. park, North of HuaFa Road, Gongming new Dis., SZ, China.

4	Electronic devices: capacitors, resistors, relays, transistors, sensors, etc.
5	Display: display screen, liquid screen, touch screen, car DVD, cell phone display, etc.
6	Electrochemistry: electrolysis, electroplating, anodic oxidation, non-ferrous metals, sewage treatment, etc.
7	Aircraft start-up maintenance, power supply for military equipment, etc.
8	Physical exploration: power supply of mineral and petroleum equipment, etc.
9	Power supply: inverter products aging, inverter maintenance testing, etc.
10	Power tools: contact aging, wire pack testing, circuit breaker release test, etc.

**REFERENCE PICTURES**

