

**YBY-ATDH105000 10VDC 5000A DC POWER SUPPLY-YBY**

<b>MAIN SPECIFICATION</b>		
Model	<b>YBY-ATDH105000</b>	
AC INPUT	Input method	<b>Three-phase</b>
	Voltage	<b>380VAC ±10%</b>
	Frequency	<b>50Hz/60Hz</b>
	Input current	<b>85A</b>
DC OUTPUT	Rated power	<b>50KW</b>
	Output voltage	<b>DC 0-10V continuously adjustable</b>
	Output current	<b>DC 0-5000A continuously adjustable</b>
	Voltage output accuracy	<b>±0.5% FS within 1V-10V range</b>
	Current output accuracy	<b>±0.5% FS within 500A-5000A range</b>
	Display resolution-Voltage	<b>0.1V</b>
	Display resolution-Current	<b>0.1A</b>
	Working efficiency	<b>≥90%</b>
	Power factor	<b>≥0.95</b>
	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℃ ~ 45℃)
	Ambient humidity	≤90% (no condensation)
Protection level	IP20	
Cooling method	<b>Air Cooling</b>	
Dimension of the dc power supply	<b>L1150*W520*H750 (MM)</b>	
Dimension of the wooden package	<b>L1300*W580*H800 (MM)</b>	
Net Weight & Gross Weight	<b>200KG/240KG</b>	
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 2000KV 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.	
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**

