GUANGDONG YIBENYUAN POWER SUPPLY EQUIPMENT CO., LTD
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YBY-ATDH50020 500VDC 20A DC POWER SUPPLY

MAIN SPECIFICATION		
Model	YBY-ATDH50020	
AC INPUT	Input method	Three-phase
	Voltage	380VAC ±10%
	Frequency	50Hz/60Hz
	Input current	17A
DC OUTPUT	Rated power	10000W
	Output voltage	DC 0-500V continuously adjustable
	Output current	DC 0-20A continuously adjustable
	Voltage output accuracy	±0.5% FS within 50V-500V range
	Current output accuracy	±0.5% FS within 2A-20A 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℃ ~ 45℃)
	Ambient humidity	≤90% (no condensation)
Protection level		IP20
Cooling method		Air Cooling
Dimension of the dc power supply		L680*W450*H520 (MM)
Dimension of the wooden package		L730*W500*H680 (MM)
Net Weight & Gross Weight		63KG/81KG

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.

APPLICATION SCOPE	
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



