

## YBY-ATDH45000 4VDC 5000A DC POWER SUPPLY-YBY

| MAIN SPECIFICATION   |  |  |
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| Model  | YBY-ATDH45000  |  |
| AC INPUT   | Input method   | Three-phase  |
|  | Voltage  | 380VAC $\pm 10\%$  |
|  | Frequency  | 50Hz/60Hz  |
|  | Input current  | 34A  |
| DC OUTPUT  | Rated power  | 20KW   |
|  | Output voltage   | DC 0-4V continuously adjustable  |
|  | Output current   | DC 0-5000A continuously adjustable   |
|  | Voltage output accuracy  | $\pm 0.5\%$ FS within 0.4V-4V range  |
|  | Current output accuracy  | $\pm 0.5\%$ FS within 500A-5000A range   |
|  | Display resolution-Voltage   | 0.1V   |
|  | Display resolution-Current   | 0.1A   |
|  | Working efficiency   | $\geq 90\%$  |
|  | Power factor   | $\geq 0.95$  |
|  | 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  | $\geq 20M\Omega$   |
|  | Voltage withstand performance  | 2000VDC test for 60S, no arcing or breakdown   |
| Work Environment   | Ambient temperature  | (-15°C ~ 45°C)   |
|  | Ambient humidity   | $\leq 90\%$ (no condensation)  |
| Protection level   | IP20   |  |
| Cooling method   | Air Cooling  |  |
| Dimension of the dc power supply   | L1150*W520*H750 (MM)   |  |
| Dimension of the wooden package  | L1350*W580*H800 (MM)   |  |
| Net Weight & Gross Weight  | 180KG/220KG  |  |
| <p>We specialize in customizing DC power supply to meet your specific requirements.</p> <p>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.</p> <p>Please visit our website and submit any inquiries to explore our capabilities further. Our dedicated team endeavors to respond within one hour.</p> |  |  |
| 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.  |  |

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| 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**

