

**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-ATDH400400 400V 400A DC POWER SUPPLY**

| MAIN SPECIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                        |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | YBY-ATDH400400                                                                                                                         |                                                                                                                    |
| AC INPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Input method                                                                                                                           | Single-phase                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Voltage                                                                                                                                | 220VAC ±10%                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Frequency                                                                                                                              | 50Hz/60Hz                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Input current                                                                                                                          | 272A                                                                                                               |
| DC OUTPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rated power                                                                                                                            | 16000W                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Output voltage                                                                                                                         | DC 0-400V continuously adjustable                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Output current                                                                                                                         | DC 0-400A continuously adjustable                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Voltage output accuracy                                                                                                                | ±0.5% FS within 40V-400V range                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Current output accuracy                                                                                                                | ±0.5% FS within 40A-400A 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                        | L800*W900*H1950 (MM)                                                                                               |
| Dimension of the wooden package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                        | L890*W950*H2150 (MM)                                                                                               |
| Net Weight & Gross Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                        | 440KG/515KG                                                                                                        |
| We specialize in customizing DC power supply to meet your specific requirements.<br>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.<br>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. |                                                                                                                    |

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|    |                                                                                                              |
|----|--------------------------------------------------------------------------------------------------------------|
| 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**



Touch Screen Display  
And Control Interface

Work Tip Lamp

Fault Alarm

Scram Button

USB Port (Can Be Plugged  
Into A Data Storage Hard rive)

Main Switch  
Of Power Supply

**FRONT**

DC Output  
Positive Pole

DC Output  
Negative Pole

Three-phase AC380  
Input Interface

Ground Wire

**BACK**