

## IPS-ATDH48312.5 48V 312.5A DC POWER SUPPLY-IDEALPLUSING

MAIN SPECIFICATION		
Model	IPS-ATDH48312.5	
AC INPUT	Input method	Three-phase
	Voltage	380VAC $\pm 10\%$
	Frequency	50Hz/60Hz
	Input current	25.5A
DC OUTPUT	Rated power	15000W
	Output voltage	DC 0-48V continuously adjustable
	Output current	DC 0-312.5A continuously adjustable
	Voltage output accuracy	$\pm 0.5\%$ FS within 4.8V-48V range
	Current output accuracy	$\pm 0.5\%$ FS within 31.25A-312.5A 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		L680*W450*H520 (MM)
Dimension of the wooden package		L730*W500*H680 (MM)
Net Weight & Gross Weight		70KG/88KG
<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.
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

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