



# High Voltage AC Power Supply

Guangzhou Idealplusing information technology co., LTD

# IPPS



# IDEALPLUSING

High Voltage AC Power Supply

## FEATURES



| High voltage level



| High efficiency



| Wide application



| Frequency stability

## Product Introduction

The high voltage AC power supply is a rack-mounted high voltage power supply, which is mainly used in DBD dielectric barrier discharge experiments, sliding arc experiments, ozone generator matching, corona equipment matching and other related fields. The power supply is simple to operate, easy to install, has a complete protection circuit, and is suitable for harsh working environments.

## SPECIFICATION

Brand	IDEALPLUSING
Model	IPS-ATAJ10kV-400mA
Input Voltage	AC 220V±10% 50/60Hz Mains Electricity
Output Peak Voltage	0-10kVAC
Output Peak Current	0-400mA
Output Peak Power	4000W
Output Frequency	20-50kHz (Adjust Frequency)
Waveform	Sine Wave
Center Frequency	±5%
Voltage Regulation	Standard Value 3-5%
High Voltage Stability	±0.5% Per Hour After 1 Hour Of Startup
Temperature Coefficient	100 ppm Per Degree Celsius
Ambient Temperature	-25 ~ +55°C
Slope	> 45°
Use Environment	No Conductive, No Corrosive Metal Liquid, No Condensation
Case Material	Aluminum
Power Supply Case Size	W443*D503*H133(MM)
Weight	16.55 KG

## MODEL LIST

Model	Output Peak Voltage	Output Peak Current	Output Peak Power	Frequency (FF:Fixed Frequency; AF:Adjust Frequency)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	10kHz (FF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	20kHz (FF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	30kHz (FF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	40kHz (FF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	50kHz (FF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	15kHz-25KHz (AF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	10kHz-30KHz (AF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	25kHz-35KHz (AF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	35kHz-45KHz (AF)
IPS-ATAJ10kV-100mA	10kVAC	100mA	1000W	20kHz-50KHz (AF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	10kHz (FF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	20kHz (FF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	30kHz (FF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	40kHz (FF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	50kHz (FF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	10kHz-20kHz (AF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	15kHz-25kHz (AF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	15kHz-30kHz (AF)
IPS-ATAJ10kV-400mA	10kVAC	400mA	4000W	20kHz-40kHz (AF)

IPS-ATAJ10kV-400mA

10kVAC

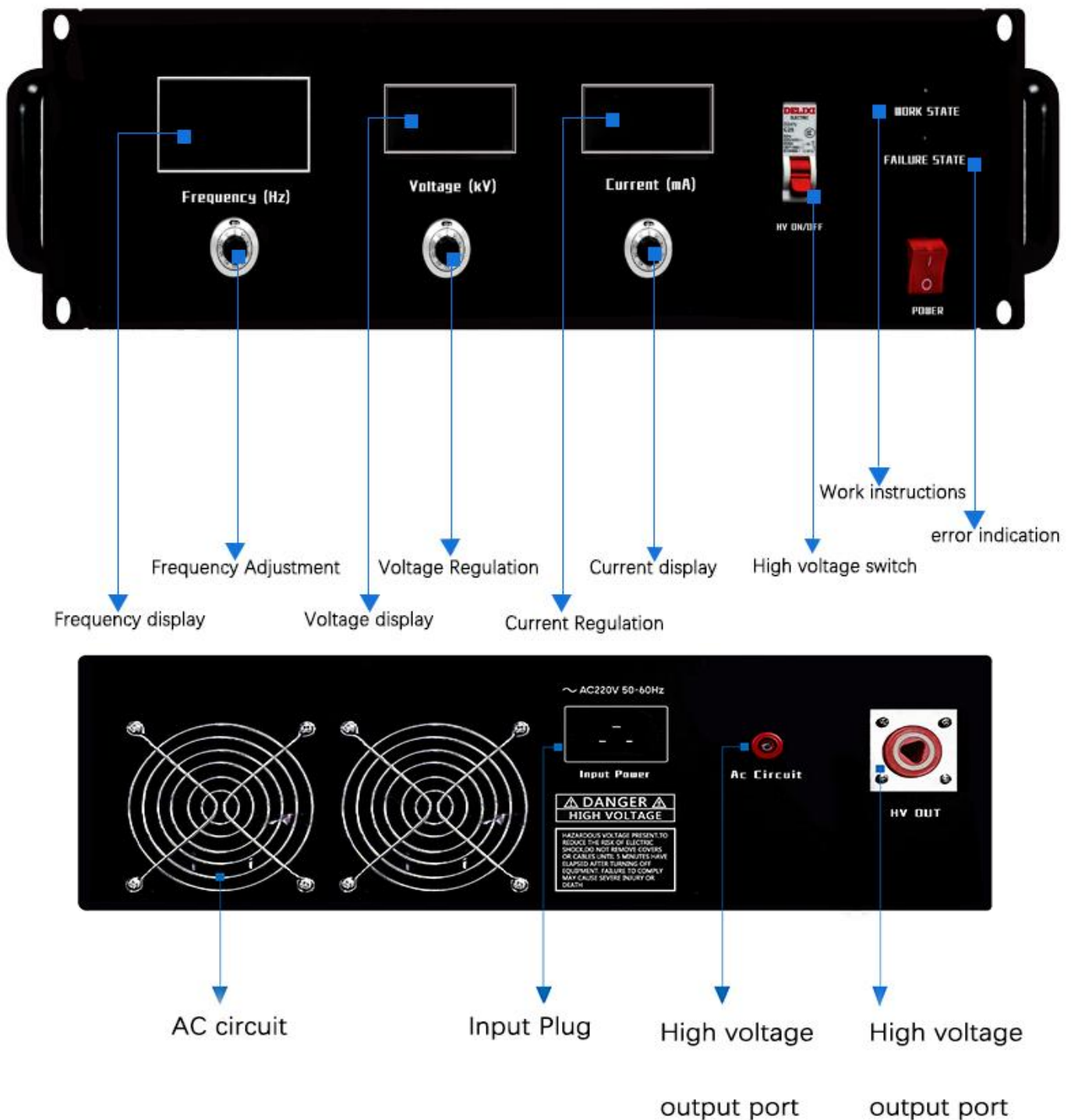
400mA

4000W

20kHz-50kHz (AF)

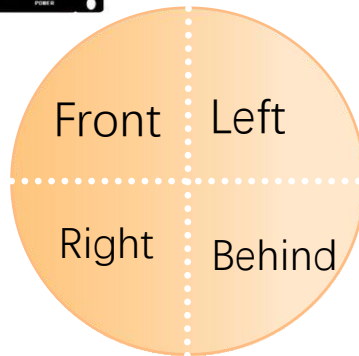
## THE OVERALL STRUCTURE

The front panel of the power supply consists of a power switch, a high voltage switch (HV ON/OFF), a frequency adjustment, a voltage adjustment, a current adjustment, a voltage display, a current display, a frequency display, a fault indication (Failure State), a working indication (Work State), and a chassis handle.





## PRODUCT IMAGE



## APPLICATION SCENARIO:

Our product applications cover DBD dielectric barrier discharge, sliding arc experiment, electrostatic spinning, ozone generator, cable aging test, cable leakage test and other applications., etc.





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