

# ZY/DC Pulse High Precision DC Pulse Power Supply

**Product Code:** ZY/DC pulse high precision DC pulse power supply

**Weight:** 12.00kg

**Dimensions:** 480.00cm x 440.00cm x 88.00cm



## Short Description

This unit adopts DSP+FPGA digital control technology, LCD screen displays and stores the power supply and cathode working status, it supports query at any time and real-time dynamic tracking!

## Description

Features:

?It is suitable for plating all kinds of pure metal materials  
AL.Ti.Nb.Ni.Cu.Ag.Au.Zr.Cr.Tb....

?It has high output precision, good process repeatability and good film consistency

?Its intelligent arc management system improves arc suppression and restart speed

?Constant current/constant power mode switching, constant power mode can ensure the repeatability of the coating process

Model	ZY/DCPulseG3F	Output precision	<math>\pm 0.1\%</math>, s compa
Input voltage	220Vac + PE	PLC control mode	

input frequency	50-60HZ	IO/Analog Interface	local/remote control I/O RS485 EtherCAT DB-25PIN
Power supply KW	500-3000W	232 communication port	DB-9 Pin 5GND?o
Operating mode	Constant power P/ Constant current I	Modbus communication port	DB-9 RS485 2B 5C
Output current Max	0.8-4A	ProfiBus communication port	DB-9 DP 8B 5GND
Output voltage Max	0-1000V	Size [mm]	2U 19" 440W*480H
set resolution	Adjust 0.1W/1mA	cooling method	Air cooling and rear fan
Output frequency	20-80KHZ (continuously adjustable)	duty cycle	80-90%
Arc energy Arc	<0.2mJ/KW	GENCOA speedio	Supp
LCD display	Progress bar showing real-time data	Net Weight	12K

## Specification

Technical parameters	
Arc energy (ARC)	<0.2mJ/KW
Duty cycle	80-90%
Input Voltage & Frequency	220Vac + PE, 50-60HZ
Output current	0.8-4A
Output Power	500-3000W
Output voltage	0-1000V
PLC control mode	Local/Remote (I/O, RS485, DP, EtherCAT)
Working frequency	20-80KHZ (continuously adjustable)