

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	<±0.1%, 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 DO
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?o
Output voltage Max	0-1000V	Size [mm]	2U 19" rack 440W*480mm
set resolution	Adjust 0.1W/1mA	cooling method	Air cooling fan and rear fan
Output frequency	20-80KHZ (continuously adjustable)	duty cycle	80-90%
Arc energy Arc	<0.2mJ/KW	GENCOA speedfio	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)