

## Programmable DC Power Supply

## PDG 50C50S



### In Compliance with

- > GJB181A-2003
- > GJB181B-2012
- > HB 20326.8-2016

### Introduction

PDG 50C50S programmable DC power supply is designed according to GJB181A-2003, GJB181B-2012, HB 20326.8-2016 standards, with A maximum output of 50 V / 50 A with test software and auxiliary measuring equipment (such as: Oscilloscope, spectrum analyzer, distortion tester, etc.) can realize all the tests in HB 20326.8-2016 standard. It can also be used for superimposed AC interference signal test in GJB181 standard. The operation of the instrument is simple and intuitive and the reliability is strong.

### Features

- > 5.7-inch display;
- > Reliable quality, beautiful appearance, comfortable operation;
- > The integrated design makes the system more simple, safe and durable;
- > Ethernet, RJ45 interface, for PC remote control printing test reports.

### Application Areas

- > Aviation

Technical Parameters	
Maximum Output Voltage	50 V
Maximum Current Output	50 A
Ripple Wave (20 Hz ~ 20M Hz)	$V_{pp} \leq 1 \%FS + 100 \text{ mV}$ $V_{rms} \leq 0.3 \%FS + 50 \text{ mV}$
Dynamic Response Time (10% ~ 90%load)	$\leq 5\text{ms}$

Standard Accessories
User manual, Test line, Power line, Grounding line, fuse

General Parameters	
Display Screen	5.7-inch TFT touch screen
Operating Power Supply	AC 380 V
Max Power	3000 W
Communication Mode	Ethernet LAN、RJ45
External Control Mode	D-sub 25p
Failure Detection	Failure of the front panel LCD display, and interrupt the instrument work
Operating Status	Front panel LED indicators
Grounding Method	Flat grounding strap
EUT Supply Voltage Injection	$\phi 4$ or $\phi 6$ mm banana plug cable
Dimension	19-inch/22 U
Weight	About 125 kg
Ambient Temperature	15 °C ~ 35°C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa



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