Programmable DC Power Supply DPS150

NEW

INTRODUCTION

The DPS150 is a high-performance programmable DC power supply with a Type-C input interface and multiple power modes. It allows precise adjustment of output voltage 0-30V and current 0-5A . This power supply is efficient, stable, low-consumption, with safety features including overvoltage, overcurrent, overload, overheating, and reverse connection protection. It's ideal for electronics engineers for power tests in new product development, for diagnosing and repairing electronic devices, and as a teaching tool in electronic and electrical engineering labs etc..



FEATURES

- Output DC voltage(0-30V)/current(0-5A)
- Multiple safety protection
- Supports PC host software
- 2.8-inch colorful screen
- Portable and exquisite









TECHNICAL SPECIFICATIONS

Input	**Voltage**	DC5.0V~32V
	Current	100mA~5A
	Note	Supports PD and QC fast charging protocols, power bank
Output	**Voltage**	0~30V
	Current	0~5A
	Power	0~150W
Set Resolution	**Voltage**	10mV
	Current	1mA
Readback Value Precision	**Input Voltage**	≤0.2%±5mV
	Output Voltage	≤0.1%±10mV
	Output Current	≤0.1%±5mA (0~3.5A)
8 Major Protections	**Overvoltage**	0V~30.00V
	Overcurrent	0A~5.1A
	Undervoltage	0V~30V
	Overpower	0W~150.00W
	Overtemperature	0°C~99°C
	Reverse Input	✓
	Reverse Output	✓
	Short-circuit	✓
Measurement Switch		On/Off
Load Regulation		0.49%
Full Load Efficiency		96.3%
Operating Environment		0°C~40°C, 0%~75%RH
Style Switching		Regular/Industrial

GENERAL CHARACTERISTICS

Product Color	Blue or Black
Product Size	106×76×28mm
Display	2.8 inch HD colorful screen
Standard Accessories	Main device*1, Test Clip*2, Data Cable*1, Manual*1
Product Net Weight	178g
Standard Carton	54*42*37.7cm
Carton Gross Weight	18kg
Quantity Per Carton	40PCS