

INTRODUCTION

The DSP150 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

Power Supply					
Model	DPS150		Screen	2.8Inch (320*240)	
Input	Voltage	DC5.0V~32V	Output	Voltage	0~30V
	Current	100mA~5A		Current	0~5A
	Supports PD and QC fast charging protocols, power bank			Power	0~150W
Set Resolution	Voltage	10mV	Set Value Precision	Voltage	≤0.1%±5mV
	Current	1mA		Current	≤0.1%±3mA
Readback Value Precision	Input Voltage	≤0.2%±5mV	Load Regulation	0.49%	
	Output Voltage	≤0.1%±10mV	Full Load Efficiency	96.3%	
	Output Current	≤0.1%±5mA (0~3.5A)	Operating Environment	0℃~40℃, 0%~75%RH	
Overvoltage Protection	0~30.00V		Overcurrent Protection	0~5.1A	
Undervoltage Protection	0~30V		Overpower Protection	0~150.00W	
Overtemperature Protection	0~99℃		Reverse Input Protection	✓	
Reverse Output Protection	✓		Measurement Switch	On/Off	
Style Switching	Regular/Industrial		Language Setting	Chinese/English	

GENERAL CHARACTERISTICS

Product Color	Blue & Black	Product Net Weight	178g
Product Size	106×76×28mm	Standard Carton	54*42*37.7cm
Display	2.8 inch HD colorful screen	Carton Gross Weight	18kg
Battery	3.7V, 250mAh Lithium battery	Quantity Per Carton	40PCS
Standard Accessories	Main device*1, Test Clip*2, Data Cable*1, Manual*1		