

INTRODUCTION

The Metravi PRPS series DC power supply are a new generation of high-quality linear DC power supplies. These instruments offer stable voltage and current automatic conversion, high stability, high reliability, and high precision.

Of three channels provided, one is fixed output at 5V/3A and two channels can independently adjust the voltage and current.

Two channels display output voltage and current simultaneously, which has a very high cost-effective advantage.

The last output data and last output state can be saved. Comes with a 4 digit display and 10mV/1mA resolution.

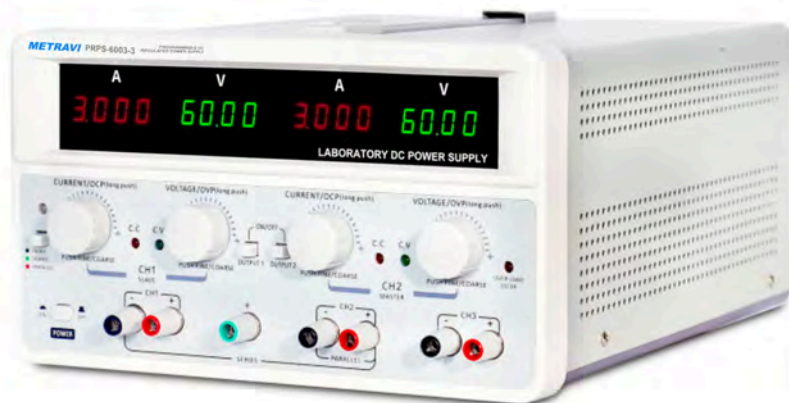
GENERAL SPECIFICATIONS

- Infinite servo, intelligent fan system,
- With voltage and current preset function,
- Independently control output ON/OFF,
- Over temperature protection (OTP) function,
- 10mV, 1mA high resolution,
- Voltage and current range limit function,
- Two channels can independently adjust voltage and current,
- One-key series and parallel function,
- In parallel mode, positive and negative voltages can be formed.

*Technical Specifications & Appearance are subject to change without prior notice

TECHNICAL SPECIFICATIONS

CHANNELS		PRPS-6005-3			PRPS-6003-3		
		CH1	CH2	CH3	CH1	CH2	CH3
Rated Output	Voltage	0-60V	0-60V	5V	0-60V	0-60V	5V
	Current	0-5A	0-5A	3A	0-3A	0-3A	3A
Rated Load Regulation	Voltage	≤0.01%+5mV		≤15mV	≤0.01%+5mV		≤15mV
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-
Line Regulation	Voltage	≤0.01%+5mV		-	≤0.01%+5mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-
Setting Resolution	Voltage	10mV		-	10mV		-
	Current	1mA		-	1mA		-
Readback Resolution	Voltage	10mV		-	10mV		-
	Current	1mA		-	1mA		-
Setting Accuracy	Voltage	≤0.03%+10mV		-	≤0.03%+10mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-
Readback Accuracy	Voltage	≤0.03%+10mV		-	≤0.03%+10mV		-
	Current	≤0.1%+5mA		-	≤0.1%+5mA		-
Parallel Mode	Power Effect	≤0.02%+8mV		-	≤0.02%+8mV		-
	Load Regulation	≤0.02%+8mV		-	≤0.02%+8mV		-
Series Mode	Power Effect	≤0.01%+8mV		-	≤0.01%+8mV		-
	Load Regulation	≤0.01%+8mV		-	≤0.01%+8mV		-
Ripple & Noise	Voltage	≤2mV(rms)					
	Current	≤5mA(rms)					
Interface	Optional USB, RS232						
Operating Environment	0~50°C ≤80%RH						
Storage Environment	-15 to 80°C ≤80%RH						
Dimensions	(WxHxD) 250*150*330 mm						
Weight	kgs	9			9		



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