



▲ PR8363

■ PRODUCT FEATURES

- Constant voltage and constant current output operation.
- Large 16x2 LCD display with backlight.
- High-resolution output: 10mV, 1mA.
- Output voltage and current over-range protection.
- 50 sets of memories for the front panel settings with save and recall functions.
- Auto Step running with delay time setting.
- Output ON/OFF control.
- High Stability and low noise of the output voltage and current.
- Heatsink with a fan and have a auto 2-step control to reduce the noise.
- Standard RS-232 interface.
- Meet IEC 61010-1:90+A1:92+A2:95
- CE marking

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■ SPECIFICATIONS

MODEL		PR8185	PR8363	PR8602
Output	Voltage	0 ~ 18V	0 ~ 36V	0 ~ 60V
	Current	0 ~ 5A	0 ~ 3A	0 ~ 1.5A
	OVP	0.2 ~ 20V	0.2 ~ 38V	0.2 ~ 64V
	OCP	Enable/Disable		
Line Regulation	Voltage	≤0.01%+3mV		
	Current	≤0.06%+6mA	≤0.06%+3mA	
Load Regulation	Voltage	≤0.01%+3mV		
	Current	≤0.06%+3mA		
Ripple & Noise	Voltage	≤1mVrms		
	Current	≤3mA _{rms}		
Display Resolution	Voltage	10mV		
	Current	1mA		
Program Accuracy	Voltage	≤0.05%+10 mV	≤0.05%+20 mV	
	Current	≤0.08%+5mA		
Temperature Coefficient	Voltage	≤100ppm/℃+3mV		
	Current	≤150ppm/℃+3mA		
Readback Resolution	Voltage	10mV		
	Current	1mA		
Readback Accuracy	Voltage	≤0.05%+10mV	≤0.05%+20mV	
	Current	≤0.08%+5mA		
Response Time	Voltage Up	≤100ms		
	Voltage Down	≤100ms		
Readback Temperature Coefficient	Voltage	≤100ppm/℃+3mV		
	Current	≤150ppm/℃+3mA		
Output Drift	Voltage	≤100ppm/℃+10mV		
	Current	≤150ppm/℃+10mA		
Memory	Save & Recall	1 to 50 points		
Timer Setting	Setting Time	0.1 to 9999.9 sec		
	Resolution	0.1 sec		
	Function	For output working loop (Auto Step Running)		
Interface	RS-232	9600,N,8,1		
Power Source	ACV	100/120/220/240V, ±10%, 60/50Hz		
Temperature Rating	Operating	0 ~ 40℃		
	Storage	-10 ~ 70℃		
General	Accessories	Test Lead x1, Power Cord x1, Operation Manual x1		
	Dimensions	213(W) x 88(H) x 394(D) mm		
	Net Weight	6.4kg		
SAFETY & EMC	CE (include EMC & LVD)			

* Specifications Subject to Change Without Notice