

## PR8363 Programmable DC Power Supply



### PRODUCT FEATURES

1. Constant voltage and constant current output operation.
2. Large 16x2 LCD display with backlight.
3. High-resolution output: 10mV, 1mA.
4. Output voltage and current over-range protection.
5. 50 sets of memories for the front panel settings with save and recall functions.
6. Auto step running with delay time setting.
7. Output ON/OFF control.
8. High stability and low noise of the output voltage and current.
9. Heatsink with a fan and have a auto 2-step control to reduce the noise.
10. Standard RS-232 interface.
11. Meet IEC 61010-1:90+A1:92+A2:95
12. CE marking

 洛克儀器股份有限公司

[台北] 新北市中和區中正路764號6樓 (02)3234-6000

[新竹] 新竹市北區光華二街72巷79號 (03)532-4199

[www.lockinc.com.tw](http://www.lockinc.com.tw) [www.pcstore.com.tw/lock](http://www.pcstore.com.tw/lock)



## SPECIFICATIONS

MODEL		PR8363
Output	Voltage	0 ~ 36V
	Current	0 ~ 3A
	OVP	0.2 ~ 38V
	OCP	Enable / Disable
Line Regulation	Voltage	$\leq 0.01\% + 3 \text{ mV}$
	Current	$\leq 0.06\% + 3\text{mA}$
Load Regulation	Voltage	$\leq 0.01\% + 3 \text{ mV}$
	Current	$\leq 0.06\% + 3\text{mA}$
Ripple & Noise	Voltage	$\leq 1\text{mVrms}$
	Current	$\leq 3\text{mA}_{\text{rms}}$
Program Resolution	Voltage	10mV
	Current	1mA
Program Accuracy	Voltage	$\leq 0.05\% + 10 \text{ mV}$
	Current	$\leq 0.08\% + 5\text{mA}$
Temperature Coefficient (0~40°C)	Voltage	$\leq 100\text{ppm}/^\circ\text{C} + 3\text{mV}$
	Current	$\leq 150\text{ppm}/^\circ\text{C} + 3\text{mA}$
Readback Resolution	Voltage	10mV
	Current	1mA
Readback Accuracy	Voltage	$\leq 0.05\% + 10 \text{ mV}$
	Current	$\leq 0.08\% + 5\text{mA}$
Response Time	Voltage Up	$\leq 100\text{ms}$
	Voltage Down	$\leq 100\text{ms}$
Readback Temperature Coefficient	Voltage	$\leq 100\text{ppm}/^\circ\text{C} + 3\text{mV}$
	Current	$\leq 150\text{ppm}/^\circ\text{C} + 3\text{mA}$
Output Drift	Voltage	$\leq 100\text{ppm}/^\circ\text{C} + 10\text{mV}$
	Current	$\leq 150\text{ppm}/^\circ\text{C} + 10\text{mA}$
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, $\pm 10\%$ , 60/50Hz	
Temperature Rating	Operating	0 ~ 40°C
	Storage	-10 ~ 70°C
Safety & EMC		CE (include EMC & LVD)
General	Accessories	Test Lead x1, Power Cord x1, Operation Manual x1
	Dimensions	213(W) x 88(H) x 394(D) mm
	Weight	6.5kg

 洛克儀器股份有限公司

[台北] 新北市中和區中正路764號6樓 (02)3234-6000

[新竹] 新竹市北區光華二街72巷79號 (03)532-4199

[www.lockinc.com.tw](http://www.lockinc.com.tw) [www.pcstore.com.tw/lock](http://www.pcstore.com.tw/lock)