

FA-853

LINEAR PROGRAMMABLE DC POWER SUPPLY COLOR DISPLAY USB AND RS-232

FA-853 products are new high-performance programmable linear DC power supplies. The excellent features of this series include up to 100 output groups with configurable timer, high-resolution LCD display, extremely clean ripple and noise, comprehensive over-voltage over-current over-temperature protection, user friendly interface and panel layout, and variety standard interfaces to meet diverse test requirements.

- ✓ Dual Independent & Separate Control Outputs
- ✓ Fixed 5 V / 3 A output
- ✓ Low ripples noise: $\leq 300 \mu\text{Vrms} / 2 \text{ mVpp}$
- ✓ Four operating mode: independent, parallel connection, series connection, plus-minus
- ✓ Interface: USB 2.0, RS232
- ✓ Control software included



Specifications	FA-853	Accuracy (25 ± 5 °C)	
Output Voltage Independent Parallel Series Plus-minus Fixed 5 V	0~30 V x 2 0~30 V x 2 0~60 V x 2 ±30 V x 2 5 V	Voltage	$\leq 0.05\% + 3 \text{ mV}$
		Current	$\leq 0.1\% + 3 \text{ mA}$
Output Current Independent Parallel Serie Plus-minus Fixed 5 V	0~3 A x 2 0~6 A x 2 0~3 A x 2 ±3 A x 2 3 A	Noise and Ripple (20 Hz ~ 7 MHz)	
		Voltage	Ripple: $\leq 300 \mu\text{Vrms} / 2 \text{ mVp-p}$ Ripple: $\leq 300 \mu\text{Vrms} / 2 \text{ mVp-p}$
Line Regulation Voltage Current Fixed 5 V	$\leq 0.01\% + 3 \text{ mV}$ $\leq 0.1\% + 3 \text{ mA}$ $\leq 3 \text{ mV}$	Current	$\leq 3 \text{ mA rms}$
		Read back resolution	
Load Regulation Voltage Current Fixed	$\leq 0.01\% + 3 \text{ mV}$ $\leq 0.2\% + 3 \text{ mA}$ $\leq 0.1\% + 3 \text{ mV}$	Voltage	1 mV ($< 10 \text{ V}$) 10 mV ($\geq 10 \text{ V}$)
		Current	1 mA
Resolution Voltage Current	1 mV 1 mA	Display	
		Type	3.9 inch colored LCD
		Resolution	480 x 320 pixels
		Colors	65536 colors, TFT screen
		Power	
		AC 110 Vac $\pm 10\%$, 220 Vac $\pm 10\%$;50 / 60 Hz	
		Fuse	110 V 125 V, F 5A 220 V 250 V, F 3 A
		Mechanical Specifications	
		Dimension	298 W. x 202 H. x 450 D. mm
		Weight	9.8 kg