

PPS 3210

Programmable Power Supply

The Most Powerful Multi-Function P.P.S.



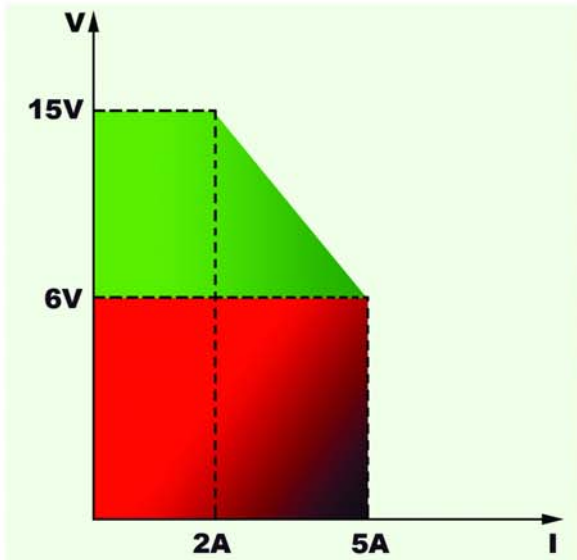
Key Features




- ◆ Voltage Resolution 1mV · Current Resolution 100uA
- ◆ Programmable Triple Outputs (Third Channel Auto Ranging Function)
- ◆ Low Ripple · Low Noise
- ◆ 100 Store Memory and Timer Function
- ◆ Series and Parallel Mode
- ◆ Digital Encoder Knob and Keypads Function Key
- ◆ Lock Protection Function
- ◆ OVP · OCP
- ◆ Standard RS-232/USB Interface
- ◆ Optional : I/O Port · GPIB · LAN Interface

PPS 3210 Programmable Power Supply *SPECIFICATIONS*

With the high resolution(16 bit) design, Motech programmable power supply PPS 3210 can offer a better accuracy spec at 1mV & 100 μ A. Besides, the LCD display and numerical function key also lead users to the faster & more accurate position. It is really an innovative power for the industry.

Compared with the conventional dual output powers, Motech PPS 3210 also offers the third channel output to make the testing application on consumer appliances and computer application devices much more flexible. Furthermore, the time-recorder (1sec~100hours) can set the off time of your output. As a result, you may apply this safety-concern function in the burn-in test and electroplate.



  MOTEC PPS 3210(CH3) Operating Region
 Conventional Power Supply(CH3) Operating Region

Model	PPS 3210	
Channel NO.	CH1 & CH2	CH3
Output Voltage	0~30V	0~15V
Output Current	0~3A	0~5A
Output Power (CH3 Auto Ranging)	90W	30W
Line Regulation \pm(% of output +offset)		
Voltage	0.01% + 2mV	
Current	0.01% + 300uA	
Load Regulation \pm(% of output +offset)		
Voltage	$\leq 3mV$	$\leq 5mV$
Current	0.01% + 300uA	
Ripple and Noise (20Hz ~ 20MHz)		
Normal Mode Voltage	300uVrms / 3mVpp	1mVrms / 20mVpp
Normal Mode Current	$< 1mA$	$< 5mA$
Resolution		
Programming	1mV / 100uA	
Readback	1mV / 100uA	
Programming Accuracy \pm(% output +offset)		
Voltage	0.01% + 5mV	
Current	0.01% + 1mA	0.01% + 2mA
Readback Accuracy \pm(% output +offset)		
Voltage	0.01% + 5mV	
Current	0.01% + 1mA	0.01% + 2mA
Temperature Coefficient per $^{\circ}C \pm$(% output +offset)		
Voltage	$< 0.01\% + 3mV$	
Current	$< 0.02\% + 2mA$	
Tracking Accuracy \pm(% of output +offset)		
Voltage	0.02% + 10mV	
Transient Response Time	$< 50\mu S$	
Stability, constant output & temperature \pm(% of output +offset), 8hrs		
Voltage	$< 0.02\% + 2mV$	
Current	$< 0.01\% + 1mA$	
Voltage Programming Speed		
Rising Time at Full Load	1mSec	
Rising Time at No Load	1mSec	
Falling Time at Full Load	2.5mSec	
Falling Time at No Load	250mSec	
General		
AC Line Input Voltage Ranges	115 / 230 VAC $\pm 10\%$ (47Hz ~ 63Hz)	
Temperature Ratings	Operating(0 $^{\circ}C$ ~ 40 $^{\circ}C$) · Storage (- 10 $^{\circ}C$ ~ 70 $^{\circ}C$)	
Common-Mode Voltage	$\pm 240Vdc$	
Dimensions (W×H×D)mm	(216 × 135 × 432)	
Weight	6.5 kg	



MOTEC INDUSTRIES INC.

6F, NO.248, Pei-Shen Rd., Sec.3, Shen Keng Hsiang, Taipei Hsien
 222, Taiwan

Telephone: (886-2)2662-5093

Facsimile: (886-2)2662-5097

Email: t&m@motechind.com

<http://www.motechind.com>

ISO 9001:2000

Contact :

Specifications subject to change without notice.