

SEINTEK® P6100 3CH Programmable Switching Power Supply

Features



DUAL Voltage, Ampere ▪ DC+30V / 3A, DC-30V / 3A

Fixed Voltage, Ampere ▪ DC 5V / 2A

Protection ▪ Overload Voltage, Ampere Protection: (SMPS)
▪ Protect over heat and Overload

Output ▪ ON/OFF Control

CC, CV Set ▪ AUTO Set

Tracking ▪ Auto tracking

Key Lock ▪ Key Lock to Avoid Error Operation

Setup ▪ Setting and functions may be selected and stored in memory from the front panel. Eight setups may be stored in memory.

Equipment ▪ Displays information about your instrument including the Model number, serial number, Calibration date, GP-IB address and Firmware revision.

Remote Control ▪ Function and ranges may be controlled from a PC via the RS232 or the optional GP-IB interface.

Power Source ▪ May be used with any line voltages from 85V to 270Vac ($\pm 10\%$, 48 to 66Hz) without any internal changes.

Display ▪ 128 by 64 pixel Super Twisted LCD display

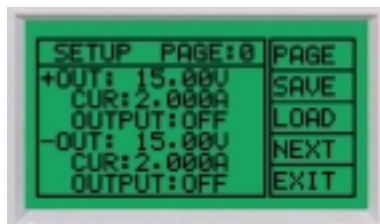
Description ▪ 14bit Programming and the voltage, the read back of the current.
▪ Programming that can do up and down fast.
▪ High Efficiency and High Power Density
▪ Standard Commands for Programmable Instruments (SCPI).



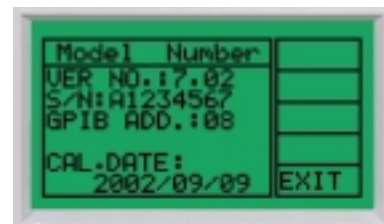
LCD Display



Tracking Mode



Setup



Equipment

Electrical Specifications

CHANNEL	3 Channel (Two variable, One fixed)					
Output Voltage	Voltage	0 to +30V, 0 to -30V (Continuously variable) Fixed 5V				
	Current	Dual 0 ± 3A, Fixed 2A				
Resolution	Voltage	10mV				
	Current	1mA				
Operation mode	Constant Voltage (CV)					
	Constant Current (CC)					
Ripple and Noise	< 50mV rms					
Load Regulation	0.1% (at V = 15V, I = 1A)					
Line Regulation	< 1mV / V					
Programming Accuracy	0.5% of value ± 3 digits					
Read back Accuracy	0.2% of value ± 3 digits					
General	Power Source	85V to 270Vac(±10%, 48 to 66Hz)				
	Dimensions / Weight	235(W) x 296(D) x 85(H) mm / About 2.5 kg				
	Standard Accessories	Users Manual, Test Probe, Line Cord, Spare fuse, RS232 Cable and S/W				
	Optional Accessories	GP-IB (IEEE-488.2) Interface (Installed)				
Packing Details	Packing	Q'ty	Size (mm)	N.W. (kg)	G.W. (kg)	Remark
	Inner	1	265(L) x 375(W) x 115(H)	-	3.2	
	Carton	4	550(L) x 405(w) x 270(H)	12.8	14	