

# Triple Output Programmable Power Supply

## P6100



### FEATURE

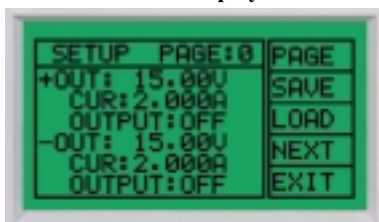
- Triple Output : DC~+30V/3A, DC~-30V/3A Dual  
DC 5V/2A Fixed
- Overload voltage and Ampere Protection (SMPS)
- CC and CV Auto set
- Auto Tracking
- Key Lock to avoid error operation
- Setup : Setting and functions are selected and stored in memory from the front panel.  
Eight setups are stored in memory.
- Equipment : Display information about your instrument including model number, serial number, calibration date, GPIB address and firmware revision.
- Remote Control : Built-in RS232C or optional GPIB interface
- 128 by 64 pixel super twisted LCD display
- Power Source : 85V to 270VAC ( $\pm 10\%$ , 48 to 66Hz)



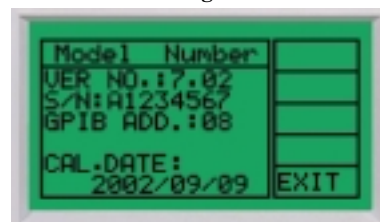
LCD Display



Tracking Mode



Setup



Equipment

## ■ Technical Specification

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