

# Bench DC Power Supplies

**GWINSTEK**



## Dual Output Power Supply

- Three Independent, Isolated Outputs.
- CH1 / CH2: Dual Range Output of 30V / 6A or 60V / 3A to Cover Wide Application Range.
- Series/Parallel Modes, 0-60V / 0-6A, 0-30V / 0-12A, 0-120V / 0-3A.
- CH3 Adjustable Output: 0.1 ~ 5V / 3A.
- Output On/Off Control with Remote Control.
- Over Voltage & Over Temperature Protection.
- Compact Size, Light Weight.

| AVAILABLE TO BUY ONLINE            |   | SPD-3606  |
|------------------------------------|---|---|
| <b>Output Ratings</b>              | CH1 / CH2 Independent<br>CH1 / CH2 Series<br>CH1 / CH2 Parallel<br>CH3  | 0 ~ 30V / 0 ~ 6A<br>0 ~ 60V / 0 ~ 3A<br>0 ~ 60V / 0 ~ 6A<br>0 ~ 120V / 0 ~ 3A<br>0 ~ 30V / 0 ~ 12A<br>0 ~ 60V / 0 ~ 6A<br>0.1 ~ 5V / 3A   |
| <b>Voltage Regulation</b>          | Line<br>Load<br>Ripple & Noise<br>Recovery Time   | $\leq 0.01\% + 3mV$<br>$\leq 0.01\% + 5mV$ (Rating Current $\leq 6A$ )<br>$\leq 0.01\% + 8mV$ (Rating Current $\leq 12A$ )<br>$\leq 5mV_{rms}$ (5Hz ~ 1MHz)<br>$\leq 50mV_{pp}$ (20Hz ~ 20MHz)<br>$\leq 100\mu s$ (50% Load Change, Minimum Load 0.5A)  |
| <b>Current Regulation</b>          | Line<br>Load<br>Ripple & Noise  | $\leq 0.2\% + 3mA$<br>$\leq 0.2\% + 3mA$<br>$\leq 3mArms$   |
| <b>Tracking Operation</b>          | Tracking Error<br>Series Regulation<br>Ripple & Noise   | $\leq 0.5\% + 10mV$ of Master<br>$\leq 300mV$<br>$\leq 10mV_{rms}$ (5Hz ~ 1MHz)<br>$\leq 100mV_{pp}$ (20Hz ~ 20MHz)   |
| <b>Output On/Off Response Time</b> | Voltage Up (10% ~ 90%)<br>Voltage Down (90% ~ 10%)  | $\leq 100ms$ ( $\leq 95\%$ Rating Load)<br>$\leq 100ms$ ( $\geq 10\%$ Rating Load)  |
| <b>OVP</b>                         | Accuracy  | $\pm (0.5\% \text{ of Reading} + 0.5V)$   |
| <b>Meter</b>                       | Type<br>Accuracy<br>Resolution  | 3½ Digits, 0.5" LED Display<br>$\pm (0.5\% \text{ of Reading} + 2 \text{ Digits})$<br>100mV / 10mA  |
| <b>Insulation</b>                  | Chassis & Terminal<br>Chassis & AC Code   | 100MΩ or Above (DC 1000V)<br>100MΩ or Above (DC 1000V)  |
| <b>Temperature Coefficient</b>     | Voltage<br>Current  | $\leq 100ppm / ^\circ C + 3mV$<br>$\leq 150ppm / ^\circ C + 3mA$  |
| <b>General</b>                     | Remote Control<br>Fan Noise<br>Operating Environment<br>Storage Environment<br>Power Source<br>Standard Accessories<br><br>Dimensions<br>Weight | Output On/Off<br>$\leq 50dB$<br>Ambient Temperature 0 ~ 40°C; Relative Humidity $\leq 80\%$<br>Ambient Temperature -10 ~ 70°C; Relative Humidity $\leq 70\%$<br>AC 115V / 230V $\pm 15\%$ , 50 / 60Hz<br>User Manual x 1, Power Cord x 1,<br>Test Lead GTL-104 x 2, GTL-105 x 1<br>255mm (W) x 145mm (H) x 265mm (D)<br>6kg |



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