

D.C. SWITCHING MODE POWER SUPPLY

SPS-1820/3610/606 (DIGITAL TYPE)

FEATURES:

- 18V, 20A Output (SPS-1820)
- 36V, 10A Output (SPS-3610)
- 60V, 6A Output (SPS-606)
- Two Digital Panel Meters
- 0.01% High Regulation
- Constant Voltage and Constant Current Operation
- High Efficiency
- High Power Density
- Overload and Reverse Polarity Protection



SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 5\text{mV}$
		Load regulation $\leq 5\text{mV}$
	Ripple & Noise	$\leq 5\text{mVrms}$, 100mVp-p 20Hz ~ 20MHz
	Recovery Time	$\leq 500\mu\text{S}$ (50% Load change, Minimum load 0.5A)
	Temp. Coefficient	$\leq 100\text{ppm}/^{\circ}\text{C}$
	Output Range	0 to rating voltage continuously adjustable
CONSTANT CURRENT OPERATION	Regulation	Line regulation 3mA
		Load regulation 3mA
	Ripple Current	$\leq 3\text{mA}_{\text{rms}}$ (SPS-606)
		$\leq 5\text{mA}_{\text{rms}}$ (SPS-3610)
		$\leq 10\text{mA}_{\text{rms}}$ (SPS-1820)
	Output Range	0 to rating amperes continuously adjustable (Hi /Lo range switchable)
METER	Digital	3 1/2 digital 0.39" LED display
		Accuracy $\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$
INSULATION	Chassis and Terminal	$20\text{M}\Omega$ or above (DC 500V)
	Chassis and AC Cord	$30\text{M}\Omega$ or above (DC 500V)
POWER SOURCE	AC 115V/230V $\pm 10\%$, 50/60Hz	
ACCESSORIES	Instruction manual x 1, Power cord x 1, Test lead GTL-105 x 1	
DIMENSIONS	128(W) x 145(H) x 285(D) mm	