

D.C. Switching Mode Power Supply



COMPACT Light Weight Economic

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

SPS-1820/3610/606 (DIGITAL TYPE)

SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	Regulation Ripple & Noise Recovery Time Temp. Coefficient Output Range	Line regulation $\leq 5\text{mV}$ Load regulation $\leq 5\text{mV}$ $\leq 5\text{mVrms}$, 100mVp-p 20Hz ~ 20MHz $\leq 500\mu\text{S}$ (50% Load change, Minimum load 0.5A) $\leq 100\text{ppm}/^\circ\text{C}$ 0 to rating voltage continuously adjustable
CONSTANT CURRENT OPERATION	Regulation Ripple Current Output Range	Line regulation $\leq 3\text{mA}$ Load regulation $\leq 3\text{mA}$ $\leq 3\text{mArms}$ (SPS-606) $\leq 5\text{mArms}$ (SPS-3610) $\leq 10\text{mArms}$ (SPS-1820) 0 to rating current continuously adjustable (HI/LO range switchable)
METER	Digital	3 1/2 digits, 0.39" LED display Accuracy $\pm(0.5\% \text{ of rdg} + 2\text{digits})$
INSULATION	Chassis and Terminal Chassis and AC Cord	20MW or above (DC 500V) 30MW or above (DC 500V)
POWER SOURCE		AC 115V/ 230V $\pm 15\%$, 50/60Hz
ACCESSORIES		Power cord x 1, Instruction manual x 1 Test lead GTL-203 ($\leq 3\text{A}$) x 1
DIMENSIONS & WEIGHT		128(W) x 145(H) x 285(D) mm, Approx. 3.2kg

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ISO-9001 & ISO-14001