

# 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

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

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