

Switching D.C. Power Supply

C2



COMPACT

Light Weight

Economic

FEATURES

- * Two Digital Panel Meters
- * 0.01 % High Regulation
- * Constant Voltage and Constant Current Operation
- * High Efficiency
- * High Power Density
- * Over Voltage Protection
- * Remote Control Output ON/OFF Function

SPS-1230/1820/2415/3610/606

SPECIFICATIONS

OUTPUT		SPS-1230	SPS-1820	SPS-2415	SPS-3610	SPS-606
	Voltage	12V	18V	24V	36V	60V
	Current	30A	20A	15A	10A	6A
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 $\leq 3\text{mA}$ Load regulation $\leq 3\text{mA}$				
	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-2415) $\leq 10\text{mA}_{\text{rms}}$ (SPS-1820) $\leq 30\text{mA}_{\text{rms}}$ (SPS-1230)				
	Output Range	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	20M Ω or above (DC 500V)				
	Chassis and AC Cord	30M Ω or above (DC 500V)				
POWER SOURCE		AC 115V/ 230V $\pm 15\%$, 50/60Hz				
ACCESSORIES		Instruction manual x 1 , Power cord 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				

ORDERING INFORMATION

SPS-1230	360W D.C. Switching Power Supply
SPS-1820	360W D.C. Switching Power Supply
SPS-2415	360W D.C. Switching Power Supply
SPS-3610	360W D.C. Switching Power Supply
SPS-606	360W D.C. Switching Power Supply

