

# Switching D.C. Power Supply



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
	<b>Voltage</b>	12V	18V	24V	36V	60V
	<b>Current</b>	30A	20A	15A	10A	6A
<b>CONSTANT VOLTAGE OPERATION</b>	<b>Regulation</b>	Line regulation $\leq 5mV$ Load regulation $\leq 5mV$				
	<b>Ripple &amp; Noise</b>	$\leq 5mV_{rms}$ , 100mVp-p 20Hz ~ 20MHz				
	<b>Recovery Time</b>	$\leq 500\mu S$ (50% Load change, Minimum load 0.5A)				
	<b>Temp. Coefficient</b>	$\leq 100ppm / ^\circ C$				
	<b>Output Range</b>	0 to rating voltage continuously adjustable				
<b>CONSTANT CURRENT OPERATION</b>	<b>Regulation</b>	Line regulation $\leq 3mA$ Load regulation $\leq 3mA$				
	<b>Ripple Current</b>	$\leq 3mArms$ (SPS-606) $\leq 5mArms$ (SPS-3610) $\leq 10mArms$ (SPS-2415) $\leq 10mArms$ (SPS-1820) $\leq 30mArms$ (SPS-1230)				
	<b>Output Range</b>	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 $\pm(0.5\% \text{ of rdg} + 2\text{digits})$				
<b>INSULATION</b>	<b>Chassis and Terminal</b>	20M $\Omega$ or above ( DC 500V )				
	<b>Chassis and AC Cord</b>	30M $\Omega$ or above ( DC 500V )				
<b>POWER SOURCE</b>		AC 115V/ 230V $\pm 15\%$ , 50/60Hz				
<b>ACCESSORIES</b>		Instruction manual x 1 , Power cord x 1 Test lead GTL-203 ( $\leq 3A$ ) x 1				
<b>DIMENSIONS &amp; WEIGHT</b>		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