

SPS Series



Features

- Dual Measurement Display
- 0.01 % High Regulation
- Constant Voltage and Constant Current Operation
- High Efficiency
- High Power Density
- Over Voltage Protection
- Remote Output ON/OFF Control

Safety



Description

Specification

OUTPUT					
	SPS- 1230	SPS- 1820	SPS- 2415	SPS- 3610	SPS- 606
Voltage	0~12V	0~18V	0~24V	0~36V	0~60V
Current	0~30A	0~20A	0~15A	0~10A	0~6A
CONSTANT VOLTAGE OPERATION					
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					

Line Regulation	$\leq 3\text{mA}$
Load Regulation	$\leq 3\text{mA}$
Ripple Current	$\leq 3\text{mArms}$ (SPS-606) $\leq 5\text{mArms}$ (SPS-3610) $\leq 10\text{mArms}$ (SPS-2415) $\leq 10\text{mArms}$ (SPS-1820) $\leq 30\text{mArms}$ (SPS-1230)
Output Range	0 to rating current continuously adjustable (Hi/Lo range switchable)
METER	
Type	3 1/2 Digit 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 $\pm 15\%$, 50/60Hz
DIMENSIONS & WEIGHT	
	128(W) x 145(H) x 285(D)mm Approx. 3.2kg

■ Accessories

User Manual x 1, Power Cord x 1
Test Lead GTL-203*1

■ 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

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