

# SPS Series

360 WATT SWITCHING

LABORATORY POWER SUPPLIES

## FEATURES

- Single Output
- 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



## SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	
Line regulation	≤ 5mV
Load regulation	≤ 5mV
Ripple & noise	≤ 5mVrms, 100mVp-p 20Hz ~ 20MHz
Recovery time	≤ 100ms (50% load change, minimum load 0.5A)
Temp coefficient	≤ 100 ppm/°C
Output range	0 to rated voltage continuously adjustable
CONSTANT CURRENT OPERATION	
Line regulation	≤ 3mV
Load regulation	≤ 3mV
Ripple current	≤ 3mA <sub>rms</sub> (SPS-606) ≤ 5mA <sub>rms</sub> (SPS-3610) ≤ 10mA <sub>rms</sub> (SPS-1820)
Output range	0 to rating current continuously adjustable (Hi/Lo range switchable)

METER	
Digital	3 1/2 digit 0.39" LED display
Accuracy	± (0.5% of rdg + 2 digits)
INSULATION	
Chassis and terminal	20MΩ or above DC 500V
Chassis and AC cord	30MΩ or above DC 500V
Safety	IEC/EN61010-1
CE mark	Yes
POWER SOURCE	
Input voltage	AC 115V / 230V ±15%, 50/60Hz
DIMENSIONS & WEIGHT	
Case	255(W) x 145(H) x 265(D) mm Approx 7kg 128(W) x 145(H) x 285(D)mm Approx 3.2kg

## SELECTION TABLE

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
SPS-1820	0-18V	0-20A	360W
SPS-3610	0-30V	0-10A	360W
SPS-606	0-60V	0-6A	360W