The SPS-Series are single output, 360W, switching DC power supply. OVP protects the SPS-Series and their load from unexpected conditions. High regulation is maintained at 0.01%. Remote sensing adds extra level of precision by compensating cable losses between loads. Turning the output On/Off from external device is available through Remote control terminals. The GPS-Series are an ideal solution for power-efficient bench-top or portable applications requiring high regulation.

SPS-1230/1820/2415/3610/606

CE Rear-Panel Output

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

SPECIFICATIONS

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

CONSTANT VOLTAGE OPERATION	
Regulation	Line regulation ≤5mV Load regulation ≤5mV
Ripple & Noise	≤5mVrms, 100mVp-p 20Hz ~ 20MHz
Recovery Time	≤500µS (50% Load change, Minimum load 0.5A)
Temp. Coefficient	≤ 100ppm / °C
Output Range	0 to rating voltage continuously adjustable

CONSTANT CURRENT OPERATION	
Regulation	Line regulation ≤3mA Load regulation ≤3mA
Ripple Current	≤3mArms (SPS-606) ≤5mArms (SPS-3610) ≤10mArms (SPS-2415) ≤10mArms (SPS-1820) ≤30mArms (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	± (0.5% of rdg + 2digits)

INSULATION	
Chassis and Terminal	20MΩ or above (DC 500V)
Chassis and AC Cord	30MΩ or above (DC 500V)

POWER SOURCE
AC 115V/ 230V ±15 %, 50/60Hz

DIMENSIONS & WEIGHT
128(W) x 151(H) x 295(D) mm, Approx. 3.2kg

Rear Panel

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

ACCESSORIES :
User manual x 1 , Power cord x 1
Test lead GTL-203 x 1