

Instek DC Switching Supplies

Part Nos. 01SPS1820, 01SPS3610 and 01SPS606

[Back to Power Supply Main Page](#)



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-1820	SPS-3610	SPS-606
	Voltage	18V	36V	60V
	Current	20A	10A	6A
CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 5mV$ Load regulation $\leq 5mV$		
	Ripple & Noise	$\leq 5mV_{rms}$, 100mVp-p 20Hz ~ 20MHz		
	Recovery Time	$\leq 500\mu S$ (50% Load change, Minimum load 0.5A)		
	Temp. Coefficient	$\leq 100ppm / ^\circ C$		
	Output Range	0 to rating voltage continuously adjustable		
CONSTANT CURRENT OPERATION	Regulation	Line regulation $\leq 3mA$ Load regulation $\leq 3mA$		
	Ripple Current	$\leq 3mArms$ (SPS-606) $\leq 5mArms$ (SPS-3610) $\leq 10mArms$ (SPS-2415) $\leq 10mArms$ (SPS-1820) $\leq 30mArms$ (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 ($\leq 3A$) x 1		
DIMENSIONS & WEIGHT		128(W) x 145(H) x 285(D) mm, Approx. 3.2kg		