



REVISIONS

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1388

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1754	A	Released	JWM	8/8/05	JN	2/18/08	JN	2/18/08



OUTPUT	Voltage	18V
	Current	20A
CONSTANT VOLTAGE OPERATION	Regulation	Line regulation <5mV Load regulation <5mV
	Ripple & Noise	<5mVrms, 100mVp-p 20Hz ~ 20MHz
	Recovery Time	<500 μ S (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	<10mArms (SPS-1820)
	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% of rdg + 2digits)
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 (3A) x 1	
DIMENSIONS & WEIGHT	128(W) x 145(H) x 285(D) mm, Approx. 3.2kg	

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:					
	Jeff McVicker	8/8/05	Switching DC Power Supply					
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE		REV	
	Jason Nash	2/18/08	A	72-7690	96H1237.dwg		A	
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: Millimeters		SHEET: 1 OF 1	
	Jason Nash	2/18/08						

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