



REVISIONS

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1754	A	RELEASED	DCM	11/19/05	HO	11/21/05	JWM	11/21/05



- 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

SPECIFICATIONS

OUTPUT	Voltage	36V
	Current	10A
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 rated voltage, continuously adjustable
Constant Current Operation	Regulation	Line regulation $\leq 3mA$ Load regulation $\leq 3mA$
	Ripple Current	$\leq 5mA_{rms}$
	Output Range	0 to rated current, continuously adjustable (HI/LO range switchable)
METER	Digital	3 1/2 digits, 0.39" LED display Accuracy $\pm (0.5\% \text{ of rdg} + 2\text{digits})$
	Chassis and Terminal	20M Ω or above (DC 500V)
INSULATION	Chassis and AC Cord	30M Ω or above (DC 500V)
	POWER SOURCE	AC 115V/ 230V $\pm 15 \%$, 50/60Hz
ACCESSORIES	Instruction manual, Power cord, Test lead	
DIMENSIONS & WEIGHT	128(W) x 145(H) x 285(D) mm, Approx. 3.2 kg.	

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Daniel McVicker	11/19/05	Switching DC Power Supply			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	HO	11/21/05	A	72-7695 Calibrated w/ Data	02J7827.dwg	A
APPROVED BY:	DATE:	SCALE:	U.O.M.:	SHEET:		
JWM	11/21/05	NTS	Millimeters	1 OF 1		

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