



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	24V
	Current	15A
Constant Voltage Operation	Regulation	Line regulation $\leq 5\text{mV}$ Load regulation $\leq 5\text{mV}$
	Ripple & Noise	$\leq 5\text{mVrms}$, 100mVp-p 20Hz ~ 20MHz
	Recovery Time	$\leq 500 \mu\text{S}$ (50% Load change, Minimum load 0.5A)
	Temp. Coefficient	$\leq 100\text{ppm} / ^\circ\text{C}$
	Output Range	0 to rated voltage, continuously adjustable
Constant Current Operation	Regulation	Line regulation $\leq 3\text{mA}$ Load regulation $\leq 3\text{mA}$
	Ripple Current	$\leq 10\text{mA rms}$
	Output Range	0 to rated current, continuously adjustable (HI/LO range switchable)
METER	Digital	3 1/2 digits, 0.39" LED display Accuracy $\pm (0.5\% \text{ of rdg} + 2\text{digits})$
INSULATION	Chassis and Terminal	$20\text{M}\Omega$ or above (DC 500V)
	Chassis and AC Cord	$30\text{M}\Omega$ 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	72-7700		96H1239.dwg		A
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: Millimeters		SHEET: 1 OF 1	
	JWM	11/21/05						

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