



REVISIONS			DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1453	A	RELEASED	JWM	7/9/03	HO	9/11/03	DJC	9/11/03



The 72-7295 laboratory grade, switching, DC power supply is built with precision coarse and fine output voltage and current limiting controls. The output Over Voltage Protection (OVP) protects voltage sensitive load by instantly shutting down the supply when the output voltage goes beyond the set voltage due to line surge or otherwise. Current limiting control with automatic cross over of Constant Voltage (CV) and Constant Current (CC) modes makes this unit ideal for R & D work in laboratory situations.

SPECIFICATIONS

- Output Voltage: 1 ~ 40 VDC
- Output Voltage Control: Fine and Coarse
- Rated Output Current: 0 ~ 5 Amps
- Output Current Control: Fine and Coarse
- Output Power: 200 Watts
- Ripple and Noise (P-P): 30mV(p-p)
- Load Regulation: 0.5% +200mV
- Line Regulation: 50mV
- Input Voltage: 90~265VAC, 50/60Hz
- Meter Type: Digital LED
- Volt Meter Range: 3 ½ Digit LED
- Amp Meter Range: 3 ½ Digit LED
- Meter Accuracy: 1% +2 Digits
- Indicators: Contant Current (CC), Constant Voltage (CV)
- Cooling System: Thermostatic Control Fan
- Protection: Over Voltage, Short Circuit, Over Temperature
- Dimensions: 205mm(W) x 115mm(H) x 275mm(D)
- Weight: 3 KG



SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY: Jeff McVicker	DATE: 7/9/03	DRAWING TITLE: Power Supply, DC Regulated Laboratory, Switching Mode			
	CHECKED BY: Hisham Odish	DATE: 9/11/03	SIZE A	DWG. NO. 72-7295	ELECTRONIC FILE 22H6406.dwg	REV A
	APPROVED BY: Daniel Carey	DATE: 9/11/03	SCALE: NTS		U.O.M.: Millimeters	
				SHEET: 1 OF 1		

ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY. DISCLAIMER: ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.