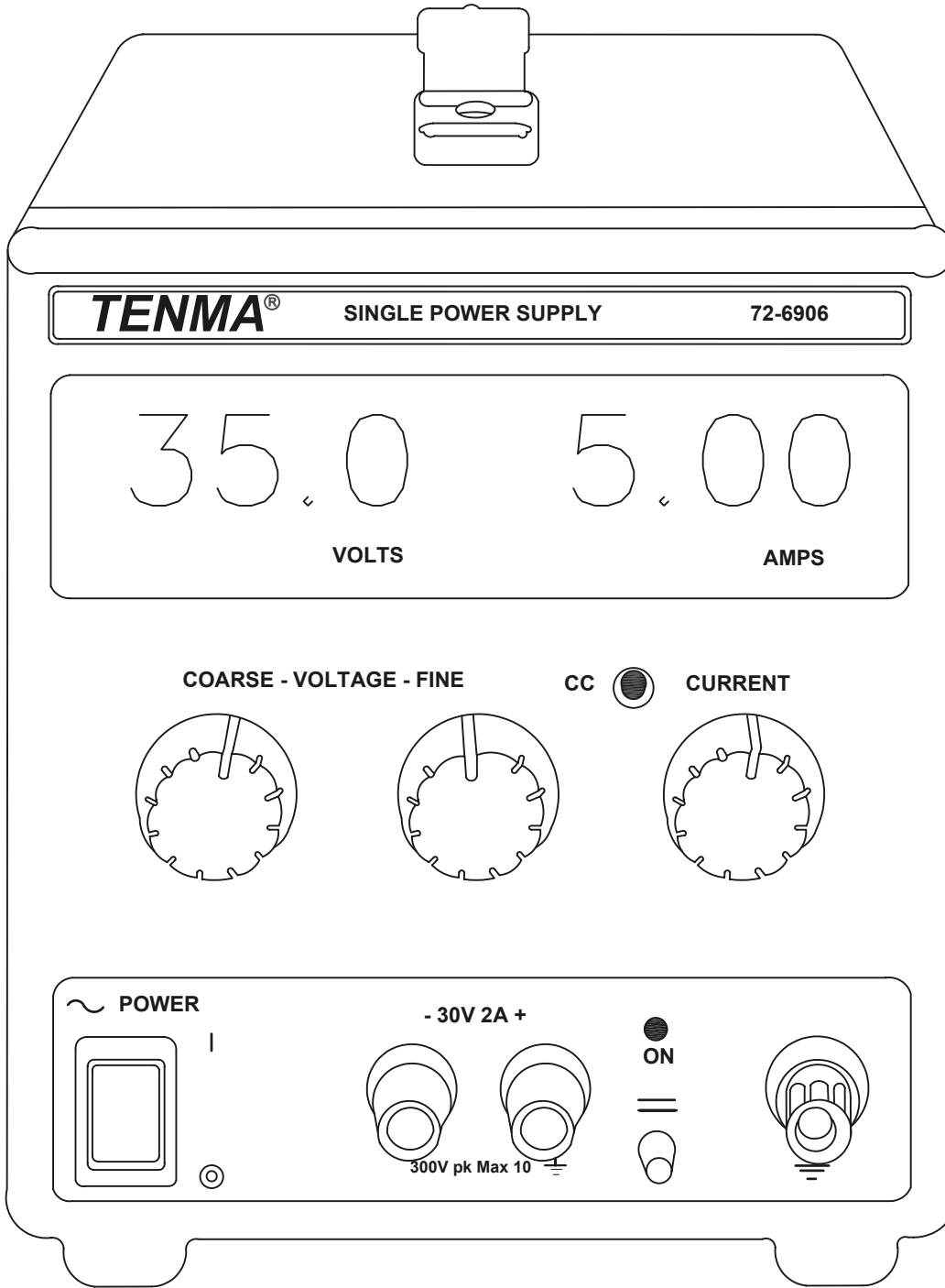




REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
			JAG	24-08-10	MRD	24-08-10	XXX	07-09-10



SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	JAG	24-08-10	DC Power Supply, Single Output, 56 Volts, 1.1 Amps			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	MRD	24-08-10	A	XXX	01h9895	A
APPROVED BY:	DATE:	SCALE:	U.O.M.: INCHES [mm]	SHEET: 1 OF 1		
XXX	07-09-10	NTS				

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REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
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**Features:**

- Single-Output 0 to 56 Volts, 0 to 1.1 Amps
- Coarse and Fine Voltage Controls
- Linear Regulation
- Constant Voltage or Constant Current Modes With Automatic Crossover and Mode Indication
- Separate, Digital Voltage and Current Meters

**Main Outputs**

Voltage Range: 0 to 56v maximum  
 Current Range: 0A to 1.1A maximum  
 Operating Mode: Constant voltage or constant current with automatic Cross-over and indication.  
 Voltage Setting: By coarse and fine controls.  
 Current Setting: By single logarithmic control.  
 Load regulation: <0.01% of maximum O/P for a 90% load change.  
 Line regulation: 0.01% of maximum O/P for a 10% line voltage change.  
 Output impedance: Typically <5 milliohms. In constant voltage mode. Typically >50kΩ in constant current mode.  
 Ripple & Moise (20MHz bandwidth): Typically <1mV rms, (CV mode).  
 Transient Response: <20µ to within 50 mV of set level for 90% load change.  
 Temp. Coefficient: Typically <100ppm/°C.  
 Output Protection: Outputs will withstand forward voltages of up to 20V above the rated output voltage. Reverse protection by diode clamp for currents up to 3A.  
 Status Indication: Output ON lamps. Constant current mode lamps.  
 Output Switch: Electronic. Preset voltage and current displayed when output is off.  
 Output Terminals: 4mm terminals on 19mm (0.75 inches) pitch.

**Meters (main outputs)**

Meter Types: Separate 3 digit meters for voltage and current with 14mm (0.56 inches) LED displays. Reading rate 4/sec.  
 Meter Accuracies: Voltage 0.3% ±1 digit. Current 0.6% ±1 digit.  
 Output Terminals  
 Standard Type: 4mm "binding post" terminals suitable for plugs or wires.

**Input Power**

AC Input: 230V or 115V ±10%, 50/60Hz. Adjustable internally. Installation Category II.  
 VA Rating: 160VA

**Temperature & Environmental**

Operating Range: +5°C to +40°C, 20% to 80% RH.  
 Storage Range: -40°C to 70°C.  
 Environmental: Indoor use at altitudes to 2000m, Pollution Degree 2.  
 Cooling: Silent fan-less convection cooling.  
 Safety: Complies with EN61010-1.  
 EMC: Complies with EN61326.

**Mechanical**

Size: 140 x 160 x 295 mm  
 Weight: 4.4kg

**Part Number Table**

Description	Part Number
DC Power Supply, Single Output, 56 Volts, 1.1 Amps	72-6907 CALIBRATED W/DATA

SPC-F004.DWG

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	XXX	07-09-10	NTS			

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