

**TENMA®**

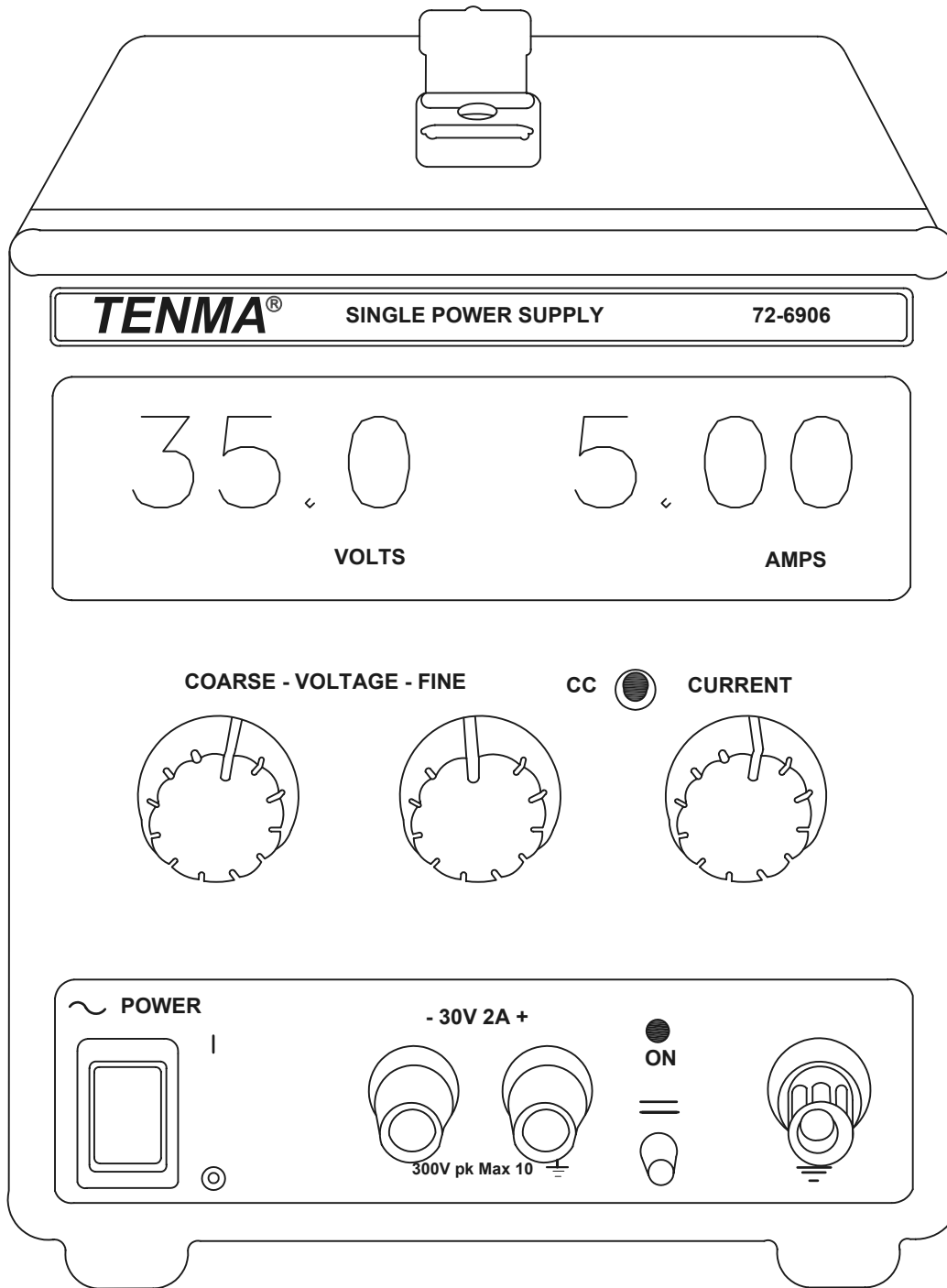
REVISIONS

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



RoHS  
Compliant



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: NTS		U.O.M.: INCHES [mm]		SHEET: 1 OF 1	
	XXX	07-09-10						

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## REVISIONS

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RoHS  
Compliant**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: &lt;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 &lt;5 milliohms. In constant voltage mode.

Typically &gt;50kΩ in constant current mode.

Ripple &amp; Moise (20MHz bandwidth): Typically &lt;1mV rms, (CV mode).

Transient Response: &lt;20μ to within 50 mV of set level for 90% load change.

Temp. Coefficient: Typically &lt;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

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