ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Comdel CV500* at our website: ***Click HERE***

COMDEL

Comdel, Inc.
11 Kondelin Road
Gloucester, MA 01930

p: 978.282.0620
f: 978.282.4980

www.comdel.com

CV Series Very High Frequency (VHF) Power Supplies



Performance:

Comdel CV series power supplies offer stable VHF power at frequencies from 30 to 80 MHz. Configured within Comdel's standard control and monitoring package, the CV series offers exceptional ease of operation. RS-232 and analog controls are provided as standard; DeviceNet is optional. Synthesizer-driven, frequency agile configurations are also available on all CV series models.

Applications:

These VHF solid-state generators are ideal for use in VHF plasma systems, solar photovoltaics, CW and pulsed laser systems, and small geometry induction heating applications.

Features:

- **Active front panel with full controls and programmable microprocessor**
- **Protection circuits safeguard amplifiers from over-voltage, over-current and over-power operating conditions**
- **Rugged class “B” FET amplifier**
- **Standard RS-232 and analog/digital control**
- **Pulse capable**
- **External frequency input**

Options:

- **Wide range of AC input line voltages available**
- **Frequency tuning**
- **DeviceNet**

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com



Specifications:

- Frequency: Single frequency between 30 to 80 MHz
- External frequency bandwidth: +/- 10% typical
- External frequency input requirements: 0 dBm +/- 10 dB
- Reflected power limits: 20% of maximum output (factory set)
- Load impedance: 50 Ohms
- Power control: 0-10VDC input for 0 to maximum-rated output
- Forward/Reflected power monitoring: 0-10VDC for 0 to maximum-rated output
- Spurious radiation: Designed to meet FCC Part 18 requirements
- Power control linearity: Better than 2% of setting at power levels above 10% of rated power
- Control I/O connector: Customer specific, DeviceNet optional

Electrical/Mechanical Specifications:

Model	Power Output	Input Line Voltage / Line Current	Cooling	Standard Output Connector	Size	Weight
CV 500	500W	190-225VAC; single phase; 50/60 Hz / 5A typical	Forced air	N or C	5.25"H x 19"W x 16"D (13.3cm x 48.3cm x 40.6cm)	36 lbs. (16 kg)
CV 1000	1000W	190-225VAC; three phase; 50/60 Hz / 6A typical	Water: 1 GPM (3.8 liters)	N or C	5.25"H x 19"W x 16"D (13.3cm x 48.3cm x 40.6cm)	75 lbs. (34 kg)
CV 2000	2000W	190-225VAC; three phase; 50/60 Hz / 11A typical	Water: 1.5 GPM (5.7 liters)	N or C	7"H x 19"W x 21.5"D (17.8cm x 48.3cm x 54.6cm)	132 lbs. (60 kg)
CV 4000	4000W	190-225VAC; three phase; 50/60 Hz / 23A typical	Water: 2 GPM (7.6 liters)	HN, LC or 7/16	RF: 5.25"H x 19"W x 24"D (13.3cm x 48.3cm x 61cm) DC: 5.25"H x 19"W x 24"D (13.3cm x 48.3cm x 61cm)	RF: 55 lbs. (25 kg) DC: 275 lbs. (125 kg)
CV 8000	8000W	208/220/420/480VAC; three phase; 50/60 Hz / 45A typical	Water: 3 GPM (11.4 liters)	HN, LC or 7/16	RF: 7"H x 19"W x 24"D (17.8cm x 48.3cm x 61cm) DC: 8.75"H x 19"W x 24"D (22.2cm x 48.3cm x 61cm)	RF: 120 lbs. (54.4 kg) DC: 360 lbs. (163.3 kg)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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