



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

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Smart choice for power

xantrex

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- ▶ 6 kW 10-600
- ▶ 6 kW 20-300
- ▶ 6 kW 30-200
- ▶ 6 kW 40-150
- ▶ 6 kW 60-100
- ▶ 6 kW 80-75
- ▶ 6 kW 100-60
- ▶ 6 kW 150-40
- ▶ 6 kW 300-20
- ▶ 6 kW 600-10
- ▶ 12 kW 10-1200
- ▶ 12 kW 20-600
- ▶ 12 kW 30-400
- ▶ 12 kW 40-300
- ▶ 12 kW 60-200
- ▶ 12 kW 80-150
- ▶ 12 kW 100-120
- ▶ 12 kW 150-80
- ▶ 12 kW 300-40
- ▶ 12 kW 600-20

**XDC Series - 6 kW and 12 kW**

XDC provides clean, reliable power for benchtop, ATE systems, burn-in, production test and OEM applications.

**6 kW 10-600**

<b>Electrical Specifications</b>	
Output ratings:	
Output Voltage <sup>1</sup>	0-10 V
Output Current <sup>2</sup>	0-600 A
Output Power	6000 W
Line Regulation: <sup>3</sup>	
Voltage (0.01% of Vmax)	1 mV
Current (0.05% of Imax)	150 mA
Load regulation: <sup>4</sup>	
Voltage (0.05% of Vmax + 5 mV)	10 mV
Current (0.1% of Imax + 20 mA)	150 mA
Meter accuracy:	
Voltage (0.15% of Vmax)	15 mV
Current (0.5% of Imax)	3 A
Output noise (0-20 MHz):	
Voltage (p-p)	85 mV
Output ripple (rms):	
Voltage	10 mV
Current <sup>5</sup>	500 mA
Drift (30 minutes): <sup>6</sup>	
Voltage (0.04% of Vmax)	4 mV
Current (0.6% of Imax)	3600 mA
Drift (8 hours): <sup>7</sup>	
Voltage (0.02% of Vmax)	2 mV
Current (0.04% of Imax)	240 mA
Temperature coefficient: <sup>8</sup>	
Voltage (0.04% of Vmax/° C)	4 mV
Current (0.06% of Imax/° C)	360 mA
OVP adjustment range: (0 to 103% of Vmax)	0-10.3 V
Efficiency: <sup>9</sup>	85%

1. Minimum output voltage is <0.3% of rated voltage at zero output setting.
2. Minimum output current is <0.2% of rated current at zero output setting when measured with rated load resistance.
3. For input voltage variation over the AC input voltage range, with constant rated load.
4. For 0-100% load variation, with constant nominal line voltage.
5. Current mode noise is measured from 10% to 100% of rated output voltage, full current, unit in CC mode.
6. Maximum drift over 30 minutes with constant line, load, and temperature, after power on.
7. Maximum drift over 8 hours with constant line, load and temperature, after 30 minutes warm-up.
8. Change in output per ° C change in ambient temperature, with constant line and load.
9. Typical efficiency at nominal input voltage and full output power.

<b>General Specifications</b>	
Operational AC input voltage	3-phase 190-242 VAC (47-63 Hz) (standard); 3-phase 342-500 VAC, 47-63 Hz, 3 wire and safety ground, (optional)
Input Power Factor Correction	0.95 (nominal 208 Vrms), 0.9 (nominal 400 Vrms HV input option)
Remote analog programming	Voltage and current programming inputs 0-5 V, 0-10 V (default) voltage sources. Galvanically isolated from supply output.
Remote analog monitoring	Voltage and current monitor outputs 0-5 V, 0-10 V (default) ranges for 0-100% of output. Galvanically isolated from supply output.
Dimensions (H x W x D)	5.2 x 19.0 x 21.0" (133.5 x 483 x 533 mm)
Weight	Approximately 75 lb (34 kg)
Warranty	Five years

**Regulatory Approvals**

CE-marked units meet: EN61010-1, EN61000-6-2 and EN61000-6-4; CSA C/US certified to UL3111-1 and CSA C22.2 No 1010.1  
Meets USA EMC standard: FCC, part 15B, class A; Meets Canadian EMC standard:

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