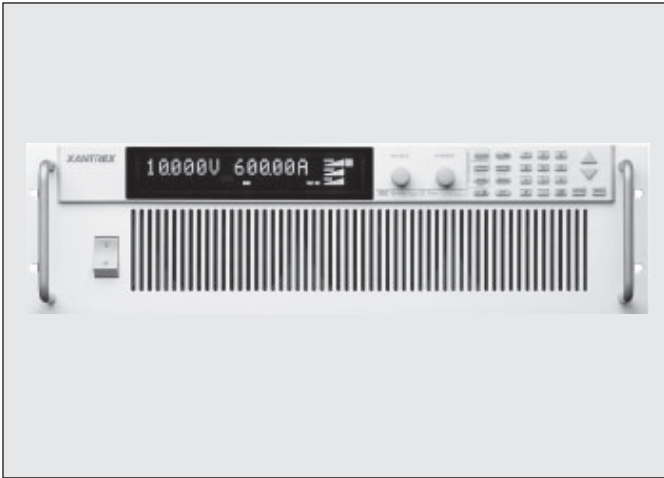


# XDC-6KW SERIES

## Laboratory AC/DC Supplies: 6000 Watts



### Features

- Wide input 3 phase 208 VAC or 415 VAC
- Power factor corrected 0.9
- CE marked
- Constant power mode
- Overvoltage protection with adjustment 5% to 103%
- Digital processing with 16-bit control for high accuracy
- Ten store/recall set-up locations
- Digital keypad and encoded knobs for fast front panel operation
- Nine self-protection mechanisms
- Isolated analog programming and readback standard
- RS-232 standard
- LabView and LabWindows drivers
- CANbus communications link option for multi unit current sharing sharing (master slave) and addressing

#### Options:

- GPIB-XDC - multi channel interface 16-bit
- CAN-XDC - multi channel CANbus interface
- HV-input - 3ph 415 VAC input

### Specifications

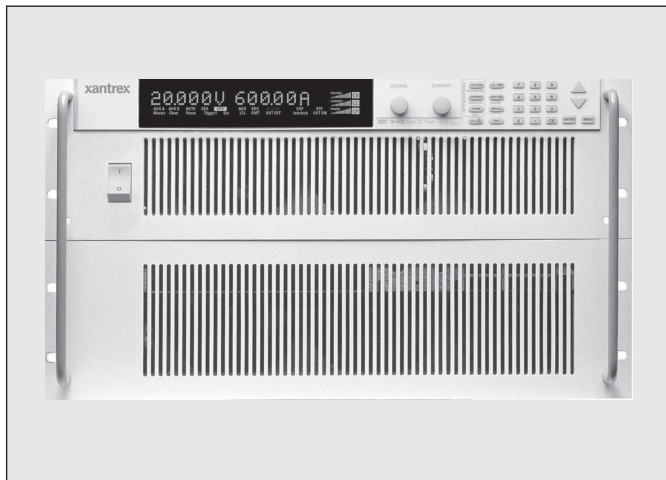
<b>INPUT VOLTAGE:</b> (3 phase)	208 VAC (190 - 242) 415 VAC (342 - 500) - HV models Three wire systems
<b>POWER FACTOR:</b>	0.9
<b>FREQUENCY:</b>	47 - 63Hz
<b>EFFICIENCY:</b>	Model dependent 85 - 91%
<b>SWITCHING FREQUENCY:</b>	Nominal 35kHz
<b>TURN ON DELAY:</b>	5s maximum from power on until output stable
<b>VOLTAGE DIFFERENTIAL:</b>	±600 VDC from output to safety ground
<b>REMOTE ON/OFF:</b>	4-15V signal or TTL compatible input, selectable logic
<b>REMOTE ANALOG PROGRAMMING:</b>	Voltage and current programme inputs, 0-5V, 0-10V (default) voltage sources. Inputs isolated from supply outlet.
<b>REMOTE PROGRAMMING &amp; MONITORING:</b>	Voltage and current monitor outputs 0-5V, 0-10V (default) ranges for 0-100% of output. Voltage sources isolated from supply output.
<b>REMOTE PROGRAMMING &amp; MONITORING ACCURACY:</b>	<0.3% of full scale output
<b>SAFETY:</b>	IEC 1010-1
<b>EMC:</b>	EN50081-2, EN50082-2, FCC part 15
<b>REMOTE SENSE:</b>	Maximum 5V per line drop
<b>OPERATING TEMP:</b>	0°C to 50°C
<b>HUMIDITY:</b>	30% to 95% RH, non-condensing
<b>LOAD REGULATION:</b>	Model dependent 10mV - 305mV
<b>FRONT PANEL CONTROLS:</b>	Voltage and current controls, rotary encoder knobs, or keypad entry
<b>OUTPUT RIPPLE:</b>	Model dependent 10 - 80mV pk - pk
<b>OUTPUT NOISE:</b>	Model dependent 75 - 350mV pk - pk
<b>RESOLUTION:</b>	Front panel voltage control 0.002% with keypad
<b>AC INPUT CONNECTOR:</b>	Wire clamp connector with strain relief cover
<b>MATING OUTPUT CONNECTOR:</b>	10V to 100V models, nickel-plated copper bus bars, 150V to 600V models, 4-terminal wire clamp connector
<b>DIMENSIONS:</b>	19" X 3U rack mounting Depth 463mm (580mm including handles and rear bus bar)
<b>WEIGHT:</b>	35kg

• Contact our office for more detailed specifications and manual.



# XDC-12KW SERIES

## Laboratory AC/DC Supplies: 12Kw



### Features

- Wide input 3 phase 208 VAC or 415 VAC
- Power factor corrected 0.9
- CE marked
- Constant power mode
- Overvoltage protection with adjustment 5% to 103%
- Digital processing with 16-bit control for high accuracy
- Ten store/recall set-up locations
- Digital keypad and encoded knobs for fast front panel operation
- Nine self-protection mechanisms
- Isolated analog programming and readback standard
- RS-232 standard
- LabView and LabWindows drivers
- CANbus communications link option for multi unit current sharing sharing (master slave) and addressing

#### Options:

- **GPIB-XDC - interface card (488.2 with SCPI)**
- **HV-input - 3ph 415 VAC input**

### Specifications

<b>INPUT VOLTAGE:</b> (3 phase)	208 VAC (190 - 242) 415 VAC (342 - 500) - HV models Three wire systems
<b>POWER FACTOR:</b>	0.9
<b>FREQUENCY:</b>	47 - 63hZ
<b>EFFICIENCY:</b>	Model dependent 85 - 91%
<b>SWITCHING FREQUENCY:</b>	Nominal 35kHz
<b>TURN ON DELAY:</b>	5s maximum from power on until output stable
<b>VOLTAGE DIFFERENTIAL:</b>	±600 VDC from output to safety ground
<b>REMOTE ON/OFF:</b>	4-15V signal or TTL compatible input, selectable logic
<b>REMOTE ANALOG PROGRAMMING:</b>	Voltage and current programme inputs, 0-5V, 0-10V (default) voltage sources. Inputs isolated from supply outlet.
<b>REMOTE PROGRAMMING &amp; MONITORING:</b>	Voltage and current monitor outputs 0-5V, 0-10V (default) ranges for 0-100% of output. Voltage sources isolated from supply output.
<b>REMOTE PROGRAMMING &amp; MONITORING ACCURACY:</b>	<0.3% of full scale output
<b>SAFETY:</b>	IEC 1010-1
<b>EMC:</b>	EN50081-2, EN50082-2, FCC part 15
<b>REMOTE SENSE:</b>	Maximum 5V per line drop
<b>OPERATING TEMP:</b>	0°C to 50°C
<b>HUMIDITY:</b>	30% to 95% RH, non-condensing
<b>LOAD REGULATION:</b>	Model dependent 10mV - 305mV
<b>FRONT PANEL CONTROLS:</b>	Voltage and current controls, rotary encoder knobs, or keypad entry
<b>OUTPUT RIPPLE:</b>	Model dependent 10 - 80mV pk - pk
<b>OUTPUT NOISE:</b>	Model dependent 75 - 350mV pk - pk
<b>RESOLUTION:</b>	Front panel voltage control 0.002% with keypad
<b>AC INPUT CONNECTOR:</b>	Wire clamp connector with strain relief cover
<b>MATING OUTPUT CONNECTOR:</b>	10V to 100V models, nickel-plated copper bus bars, 150V to 600V models, 4-terminal wire clamp connector
<b>DIMENSIONS:</b>	19" X 6U rack mounting Depth 565mm (603mm including handles and rear bus bar)
<b>WEIGHT:</b>	77kg

• **Contact our office for more detailed specifications and manual.**

