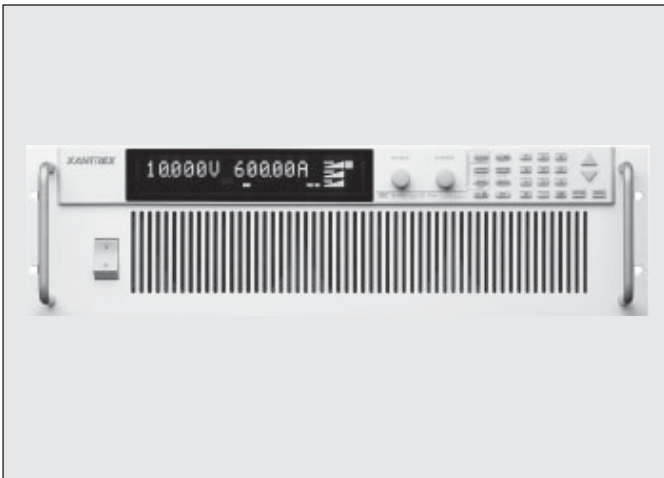


XDC-6KW SERIES

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

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

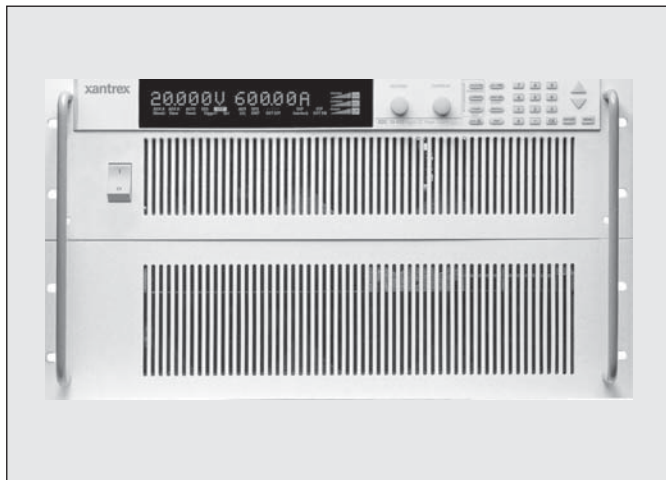
• Contact our office for more detailed specifications and manual.

Model	Output		Power W
	V	A	
XDC10 - 600HV	0 - 10V	600A	6000W
XDC20 - 300HV	0 - 20V	300A	6000W
XDC40 - 150HV	0 - 40V	150A	6000W
XDC60 - 100HV	0 - 60V	100A	6000W
XDC80 - 75HV	0 - 80V	75A	6000W
XDC100 - 60HV	0 - 100V	60A	6000W
XDC150 - 40HV	0 - 150V	40A	6000W
XDC300 - 20HV	0 - 300V	20A	6000W
XDC600 - 10HV	0 - 600V	10A	6000W



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

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

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

