

Power Products Solution

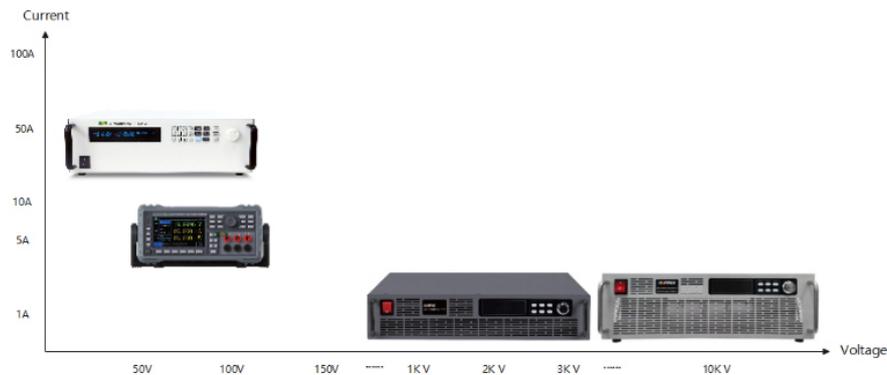
Electronic devices are ubiquitous. From everyday items like mobile phones, wearable technology, PCs to emerging fields such as Electric Vehicles (EVs) and drones, these innovations are fundamentally changing our way of life.

Daily research, R&D, and debugging of these devices are inseparable from the demand for reliable test power supplies.

XGY offers an extensive portfolio of power supply products. Whether your requirements are for laboratory development or deployment within an industrial automation production line, we are ready to provide you with competitive and high-quality solutions.



We categorize our DC Power Supply product series by voltage, current, power, and channel count, to make choosing the correct power supply easy based on your requirements.



Programmable DC Power Supply



XDC100SA Series (150V or 10A)

Application: Linear Power Supply for R&D labs, precision repair workstations requiring high accuracy, low noise, and multi-functions.

Model List

- XDC100SA-20-3 (20V, 3A, 60W)
- XDC100SA-20-6 (20V, 6A, 120W)
- XDC100SA-20-10 (20V, 10A, 200W)
- XDC100SA-36-1 (36V, 1A, 36W)
- XDC100SA-36-3 (36V, 3A, 108W)
- XDC100SA-36-6 (36V, 6A, 216W)
- XDC100SA-36-10 (36V, 10A, 360W)
- XDC100SA-60-1 (60V, 1A, 60W)
- XDC100SA-60-3 (60V, 3A, 180W)
- XDC100SA-60-5 (60V, 5A, 300W)
- XDC100SA-100-1 (100V, 1A, 100W)
- XDC100SA-150-1 (150V, 1A, 150W)

Features

- High Display Resolution : 0.1mV / 1uA
- Power Range: 36W - 360W
- Low ripple and noise: <5mVrms, <5mArms
- Waveform display function
- List mode
- Data Logging with USB extension
- Adjustable voltage slew rate
- DVM & Resistance measurement capability
- Battery charging function
- Size: 230*110*395mm (W*H*D)

Programmable DC Power Supply



XDC203SP Series (60V or 50A)

Application: Linear Power Supply for Audio Amplifier, production line, and industrial applications requiring medium-to-high power

Model List

- XDC203SP-30-30 (30V, 30A, 900W)
- XDC203SP-30-40 (30V, 40A, 1200W)
- XDC203SP-30-50 (30V, 50A, 1500W)
- XDC203SP-50-20 (50V, 20A, 1000W)
- XDC203SP-50-30 (50V, 30A, 1500W)
- XDC203SP-60-20 (60V, 20A, 1200W)

Features

- Rated output Power: up to 1500W
- Sequence output function, easy to use
- Data memory function, quick to call
- Slow-start circuit design for low start-up surge
- H/L Limit setting to protect DUT
- Power-on state memory settings
- Size: 480*142*370mm (W*H*D)

Programmable DC Power Supply



YDC100DW/TW Series

Application: Switching Power Supply for standard R&D labs, and projects needing 2 or 3 independent, isolated outputs.

Dual Channel

YDC100DW-80-6 (2CH, 80V, 6A, 200W)

YDC100DW-80-10 (2CH, 80V, 10A, 300W)

YDC100DW-150-5 (2CH, 150V, 5A, 300W)

Triple Channel

YDC100TW-80-6 (3CH, 80V, 6A, 200W)

YDC100TW-80-10 (3CH, 80V, 10A, 300W)

YDC100TW-150-5 (3CH, 150V, 5A, 300W)

Features

- Multi channel Independent controlled and isolated outputs
- Rated output Voltage: 80V, 150V
- Rated output Power: 200W, 300W, each Channel
- High Resolution : 1mV/0.1mA
- Data storage supported
- Remote voltage sensing
- Low ripple and noise: <8mVrms, <5mArms
- Clear graphic interface
- Thermal-control fan speed for minimal acoustic noise
- Small Size: 230*110*395 (W*H*D mm)

Programmable DC Power Supply



YDC202QW Series

Application: Switching Power Supply for ATE, complex device characterization, or any application needing 4 independent power sources in a dense, single-unit package.

Quad Channel

YDC202QW-80-6 (4CH, 80V, 6A, 150W)

YDC202QW-80-10 (4CH, 80V, 10A, 300W)

YDC202QW-150-5 (4CH, 150V, 5A, 300W)

Features

- Small size 4 in 1
- Support List Mode
- Multi channel independent controlled and isolated output
- Rated output Voltage: 80V, 150V
- Rated output Power: 150W, 300W, each Channel
- High Resolution : 1mV/0.1mA
- Low ripple and noise: <8mVrms, <3mArms
- Clear graphic interface
- Thermal-control fan speed for minimal acoustic noise
- Small Size: 440*190*340 (W*H*D mm)

Programmable AC Power Supply



AC203SP/AC205SP- Series

Application: Automated Test Equipment (ATE) racks, component testing requiring a standard, reliable single-phase AC source in a compact chassis.

Model List (1-Phase)

AC203SP-500-1(500VA, 1Φ2W)
AC203SP-1K-1 (1KVA, 1Φ2W)
AC205SP-2K-1 (2KVA, 1Φ2W)
AC205SP-3K-1 (3KVA, 1Φ2W)

Features

- Support up to 3KVA
- Utilizes advanced Direct Digital Synthesizer (DDS) waveform generation technology
- Input and output isolation mode
- Key Lock function to prevent accidental touch
- Intelligent alarm function
- Keyboard shortcut: 110V, 220V 50Hz, 60Hz
- Overload capacity, 300% overload 2S
- Soft start function to avoid the damage
- Standard 19-inch chassis, suitable for ATE cabinet installation

Programmable AC Power Supply



AC301SHP/303SHP- Series

Application: High-power industrial testing, EV motor/charger validation, large appliance testing (HVAC), and facility-level power simulation.

Model List (1-Phase)

AC301SHP-5K-1
AC301SHP-8K-1
AC301SHP-10K-1
AC301SHP-15K-1
AC301SHP-20K-1
AC301SHP-30K-1
AC301SHP-50K-1
AC301SHP-75K-1
AC301SHP-100K-1

Model List (3-Phase)

AC303SHP-5K-3
AC303SHP-10K-3
AC303SHP-15K-3
AC303SHP-20K-3
AC303SHP-30K-3
AC303SHP-50K-3
AC303SHP-75K-3
AC303SHP-100K-3
AC303SHP-150K-3
AC303SHP-200K-3
AC303SHP-300K-3
AC303SHP-500K-3

Features

- Support from 5KVA up to 500KVA
- Input/output fully isolated
- Phase Voltage 0~150/0~300VAC, or line voltage 0~520V;
- Frequency 40~250Hz continuously adjustable (0.01Hz Step)
- Waveform distortion for Pure resistance Load <1%
- Voltage Setup accuracy <0.2%FS
- Current Setup accuracy <0.1%FS
- Four windows simultaneously show V/F//P/PF
- 5 memory presets, one-key recall
- Pure, stable sine-wave output
- Strong overload surge withstands 3 × rated
- OCP/OVP/OTP, SC, Overload Protection