

**AC/DC Power Supplies  
with Adjustable Output Voltage  
with Output Power from 200W to 550W**

Based on standard power supplies of SX/ZX Series from XP Power we can offer quite a wide assortment of power supplies with **remote control of the output voltage in a wide range** with the output power from 200W to 550W. **Output voltage of the power supply is proportional to the value of an external voltage which is applied on a control input of the power supply.**

**Specification:**

- input voltage range: 180VAC to 253VAC / 50Hz or 90VAC to 127VAC / 60Hz
- nominal value of the output voltage:  $V_{20} = 24\text{VDC}$  or  $48\text{VDC}$
- maximum output power:
  - 200W** for SX/ZX200 series of power supplies
  - 350W** for SX/ZX350 series of power supplies
  - 550W** for SX/ZX550 series of power supplies
- adjustable range of the output voltage:
  - 20% to 120%** of the nominal output voltage (e.g. **4.8V to 28.8V** or **9.6V to 57.6V**)
- adjusting of the output voltage with an external analog signal in the range from 1V to 6V with sensitivity 50mV/%  $V_{20}$
- control input impedance: 20 kOhm
- accuracy of adjusting of the output voltage: better than 1%  $V_{20}$
- isolation voltage between the control circuit and power supply output: 63V DC
- overcurrent and short circuit protection
- overvoltage protection
- EMI/RFI: in accordance with EN 55022, level B
- Safety: SELV in accordance with EN 60950, Protection Class I
- isolation voltage: input/output: 3000V AC  
input/chassis: 1500V AC
- operational ambient temperature range : 0 °C to +40 °C (for the maximum output power)
- cooling: natural convection (built-in fan for SX/ZX550)
- dimensions:
  - 233.2 mm x 159.3 mm x 52 mm (9.18" x 6.27" x 2.05") for SX/ZX200
  - 300 mm x 190 mm x 63 mm (11.8" x 7.48" x 2.48") for SX/ZX350
  - 300 mm x 190 mm x 63/102 mm (11.8" x 7.48" x 2.48"/4") for SX/ZX550
- weight: 1.3 kg (2.87 lbs) for SX/ZX200, 2.5kg (5.51 lbs) for SX/ZX350,  
3.1kg (6.84 lbs) for SX/ZX550

**Application:**

The power supplies are designed for example for **PC controlled automatic testers** (via a DA converter) or as **adjustable power supplies for laboratory or technology use.**