

# PSM-101

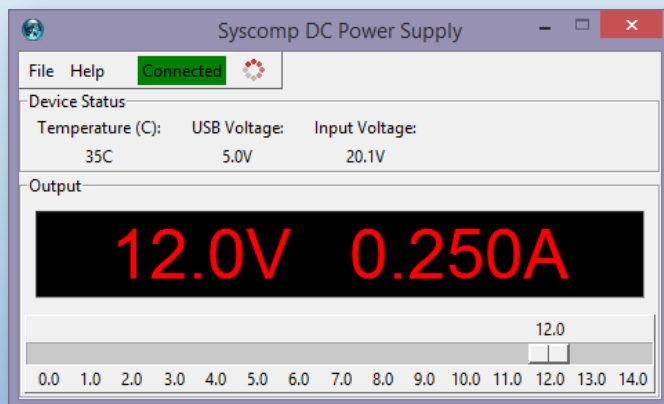
## DC Power Supply



### DC Power Supply with Touch Controls

#### Key Features

- ✓ Touch Controls
- ✓ Pocket-sized form factor
- ✓ Low dissipation circuitry
- ✓ LCD Display
- ✓ Adjustable voltage
- ✓ Adjustable current limit
- ✓ Optional USB Interface
- ✓ Open-source software



Graphical User Interface

#### Specifications

- ▶ Output Voltage: 0 to 14VDC
- ▶ Output Current: 0 to 1A
- ▶ Display Voltage: 10mV Resolution
- ▶ Display Current: 1mA Resolution
- ▶ Temperature: 0.1°C Resolution
- ▶ Output Noise: 30mVpp Max
- ▶ Load Regulation: 2.5%
- ▶ Dimensions: 5.5 x 5.25 x 1.5" (140 x 133 x 38 mm)
- ▶ Weight: 0.24 lbs (110 grams)
- ▶ Wall Adapter 20VDC/1A Switching Supply
  - 100 to 240VAC, 50/60Hz
  - CE, (C)UL Approved
  - 3.2 x 1.7 x 1.5" (82 x 33 x 37mm)

The PSM-101 Power Supply fulfills the need for a small, lightweight, laboratory power supply. Based on modern switching technology, the PSM-101 eliminates the bulky, heavy power transformer and heatsink traditionally required in a lab power supply.

The PSM-101 is also unique because it features full touch controls with no moving parts.

With these innovations in power supply circuitry, the PSM-101 is compact and light enough to be carried in a pocket. The low profile design fits easily in a briefcase or student backpack.

Combined with other Syscomp instruments such as the CGR-101 oscilloscope and signal generator and the DVM-101 digital multimeter, the PSM-101 power supply creates a portable, low-cost, analog electronics laboratory.

#### Compatibility

- ✓ Windows 2000/XP/Vista/7/8
- ✓ Linux
- ✓ Mac OS X

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