

Fanless Multi-Range DC Power Supplies

- PFR-100L50** (100W 50V/2A-10V/10A)
- PFR-100L50G*** (100W 50V/2A-10V/10A)
- PFR-100M250** (100W 250V/0.4A-50V/2A)
- PFR-100M250G*** (100W 250V/0.4A-50V/2A)

*G Type: With GP-IB/LAN interface

PFR Series

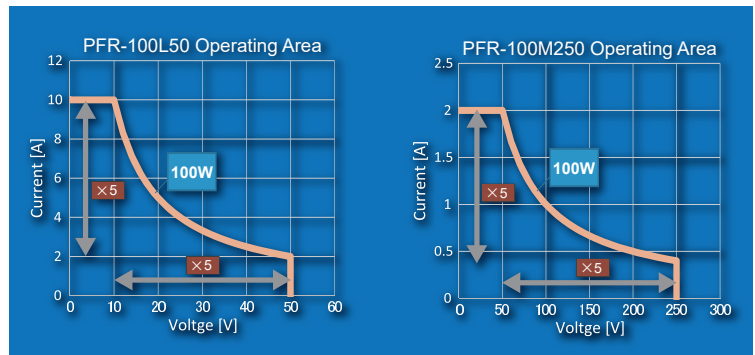
Switching



The PFR-100 series, a small and high-performance programmable D.C. power supply, adopts natural convection design to dissipate heat. The PFR-100 series is a power supply with a five-fold rated power that allows users to self-define voltage and current under rated power conditions so as to satisfy them with wider voltage and current operational ranges. The PFR-100 series, with rated 100W, provides two models: PFR-100L50 maximum output voltage of 50V (at 2A) or maximum output current of 10A (at 10V); PFR-100M250 maximum output voltage of 250V (at 0.4A) or maximum output current of 2A (at 50V).

- Constant Power Output for 5 Times Multi-range(V&I) Operation
- Natural Convection Cooling Design (Fanless Structure)
- Preset Memory Function
- Output ON/OFF Delay Function
- CV, CC Priority Mode
- Adjustable Slew Rate For Voltage and Current
- Bleeder Circuit Control
- Protections: OVP, OCP, AC FAIL and OTP
- Support Front and Rear Panel Output
- Test mode function (Sequence)
- Built-in USB and RS-232/485 Interface
- Built-in LAN and GPIB Interface (G Type)
- Web Server Monitoring and Control
- External Analog Control and Monitor Function
- Remote Sensing Function
- Dimension 71 x 124 x 301(mm), Weight Approx 2.5(kg)
- LabVIEW Driver

Multi-Range Operation



Test mode Function

The test mode is a function to automatically update voltage and current settings according to the time. The setting creates a CSV file on the PC and loads it into PFR using the USB flash drive, so it can use it without difficult operation..

