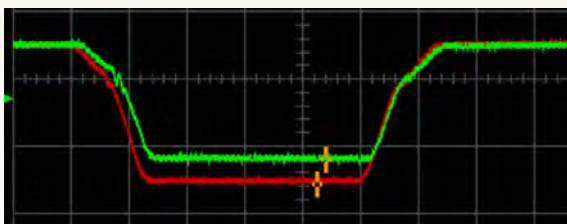
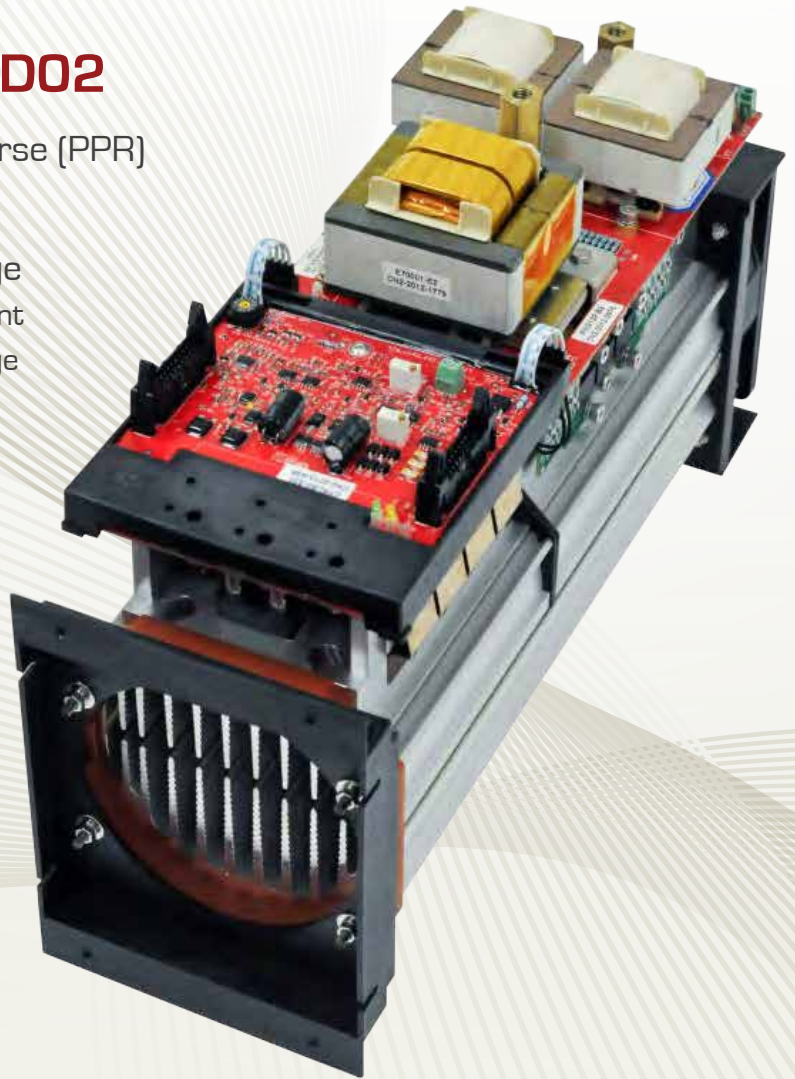


## Module Control Card - CTRD02

- Standard on pulse (PP) and pulse reverse (PPR) rectifiers and over 60Vdc rectifiers.
- Wide current / voltage regulation range
  - Vout ≥ 60V: 2% - 100% of max current
  - 7% - 100% of max voltage
- Fast feedback loop and fully differential output feedback
  - Lower Current Output Ripple (especially 300 Hz)
  - Reduced Voltage output ripple from 10% to 3% (in voltage mode operation)
- Min Pulse Control down to 0.2 micro seconds allows to improve load regulation.
- Active Blanking of Pulse to control medium and high voltage applications and improve regulation in low voltage.
- Slope Compensation to improve output stability and ripple.
- Improved Immunity from:
  - Interferences due to shunt wired via coaxial cable and frequency range of control circuit.
  - High voltage peaks due to Tantalum free capacitors.
- Protection of FAN (overcurrent and short circuit) by a Mosfet circuit instead of fuse.



- Improved reliability with Tantalum free capacitors.
- Recommended for voltage controlled processes.