

Power Controller Specifications:

- Type: 3 phase, two-leg, zero-cross, SCR Power Controller
- Input power shall be 480 volt, 3 Phase, 60 Hz
- Current rating shall be 650 (or greater) continuous RMS amps at 55 deg C
- Controller shall be equipped with cooling fans
- Output power shall be linear with respect to the command signal
- Command signal shall be 4-20 ma and be electrically isolated from the line and load voltages
- Load voltage shall be controllable from 0 to 99.5% (or greater) of line voltage
- Controller shall check for a condition of scr short, and close a relay when a short is detected
- Controller shall be designed to power the 520 KW heater being procured as part of this same solicitation