

# KFR3

## Specialty Series

**Automatic Voltage Regulator**  
For Kohler Fast-Response Generators



The KFR3 Automatic Voltage Regulator is designed as a completely stand-alone voltage regulating system for Kohler Fast-Response style brushless generators utilizing a light-operated exciter.

Based on the internal circuitry of our XR series voltage regulators, the KFR3 features a ruggedized design, reliable operation, long life expectancy, and accurate voltage regulation across a wide variety of loads and applications!

Unlike many competing products, the KFR3 is designed for flexibility and allows Fast-Response style generators to be paralleled with other generators or the utility with optional interface modules or motor-operated potentiometers. Additionally, due to being truly standalone, the control system can be upgraded to virtually any design without being tied to a proprietary OEM excitation system!

The KFR3 is proudly backed by a one-year factory warranty for peace of mind.

### Product Features:

- PWM rectified, 208-277V operation, adjustable
- $\pm 1\%$  Regulation accuracy NL-FL
- $< 1\%$  Thermal drift  $0^{\circ}\text{C} - 60^{\circ}\text{C}$
- Idle protection circuit prevents building full voltage at idle
- Compatible with 50 or 60Hz generators
- Simple setup and adjustment procedure
- Fully encapsulated design for extreme operating conditions
- Passive cooling doesn't require forced air for reliable operation at advertised burden
- **Proudly Made in the USA** to the highest standards using the highest quality components

**POWER-TRONICS**  
Electrical Power Controls <sup>TM</sup>

