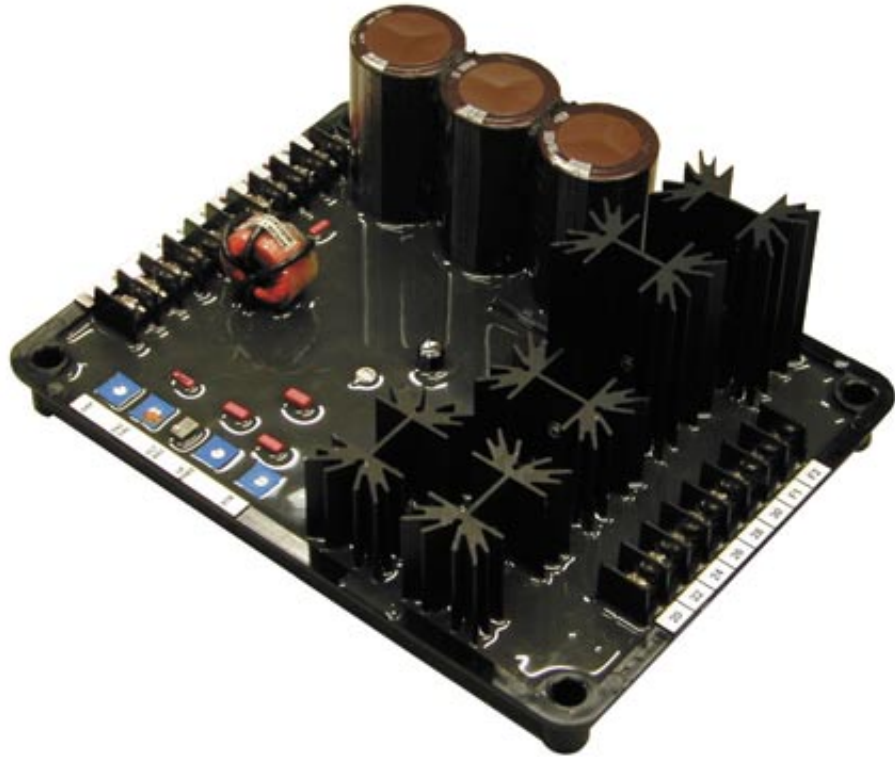


# K65-12B & K125-10B Regulators

**New**



Functional with all Kato Engineering Inc. generators and accessories

Encapsulated components for weather protection

Compact and rugged construction

Solid state

Analog design

An alternative to the KCR-360 and KCR-760 models

Economically priced

CSA certified and UL recognized

Available from stock



# Specifications

## Power requirements: K65-12B K125-10B

### Input

Voltage, rated	120 V	240 V
Voltage, limits	90-140 V	180-280 V
Frequency	50-240 Hz	50-240 Hz
Burden (at rated V)	1440 VA	2400 VA

### Output

Voltage, continuous	65 Vdc	125 Vdc
Voltage, forcing 10 sec.	100 Vdc	200 Vdc
Current, continuous	12 Adc	10 Adc
Current, forcing 10 sec.	25 Adc	20 Adc
Min. field resistance	4 Ohms	10 Ohms

**Sensing:** 100 to 120 V +/-10% with standard 10K Ohm control, 1 phase or 3 phase, 50/60 or 400 Hz; 1 VA maximum burden per terminal

**Paralleling:** 1 A or 5 A for 6% droop maximum; 10 VA maximum burden; isolated for use in either reactive droop or cross-current method

**Regulation accuracy:** +/- 0.5% maximum over full range of generator loading and +/- 5% frequency variation

**Under frequency protection breakpoints:**

Adjustable 45 to 65 Hz (50/60 Hz regulators only)

**Regulator response:** Less than 4 milliseconds

**Thermal stability:** Less than 0.5% per 40° ambient temperature change

**Operating and storage temperature:** - 40° C to + 70° C

**Vibration:** 0.5 G at 18 to 2000 Hz

**Power dissipation:** Less than 50 W at maximum continuous rating

**Shock:** Tested to withstand up to 20 Gs in each axis

**Dimensions in inches (mm):** 6.39 (162) x 8.38 (213) x 3.0 (76)

**Weight:** 2.5 lb (1.1 kg)



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