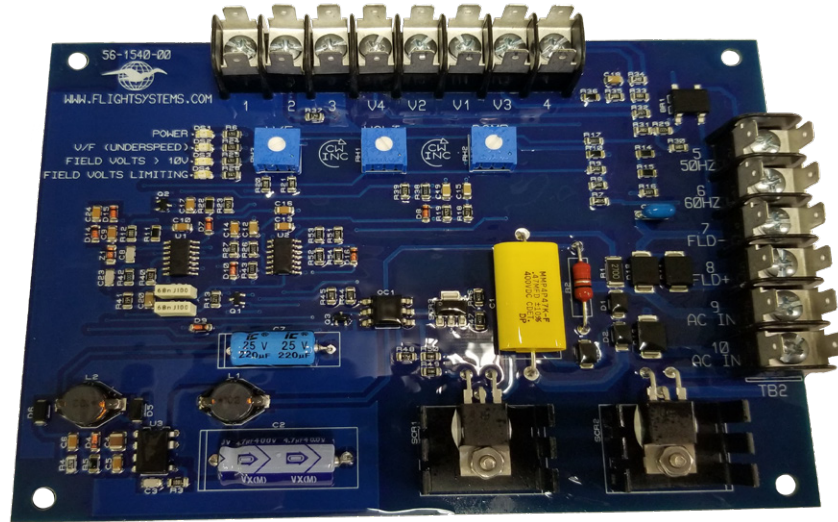


Replacement for Onan YD/UR Regulator

Replaces 300-I540

Also Replaces 300-I006, 300-I404, 300-I405, 300-I654



LIST OF FEATURES:

- Mounting footprint and terminal locations identical to original board. No modification required to install.
- Heavy conformal coating applied for moisture and vibration resistance.
- Improved power supply promotes cooler and more efficient operation.
- Easily programmed for all voltages from 110/220 to 240/480.
- **NEW:** Soft-start, field over-voltage limiting, and open-circuit external pot protection.
- **NEW:** Diagnostic indicators for easier troubleshooting.
- **NEW:** Adjustable under-frequency setpoint (V/F). Factory set at 57Hz.

CONFIGURATION:

- Adjust **VOLT** pot to obtain desired voltage from generator output. Be sure to center the external voltage adjust at the meter panel, if the generator is equipped with one
- Adjust **DAMP** pot clockwise just enough to achieve stability under all conditions.
- **V/F** is adjusted for 57Hz at the factory. This is the point at which reduction of engine speed results in reduction of generator voltage. This feature allows the engine to recover easier from a sudden heavy load and protects appliances from under-frequency. Set to full counter-clockwise to disable V/F function.

DIAGNOSTICS:

Green POWER LED indicates regulator board is getting power.

Green FIELD VOLTS LED indicates field voltage is above 10 VDC.

Yellow FIELD LIM LED indicates field is being limited at 85-90 VDC. Possible high field res. or loss of AC sensing.

Red V/F LED indicates frequency is below setpoint and voltage is being reduced. Check engine speed or adjust V/F.



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