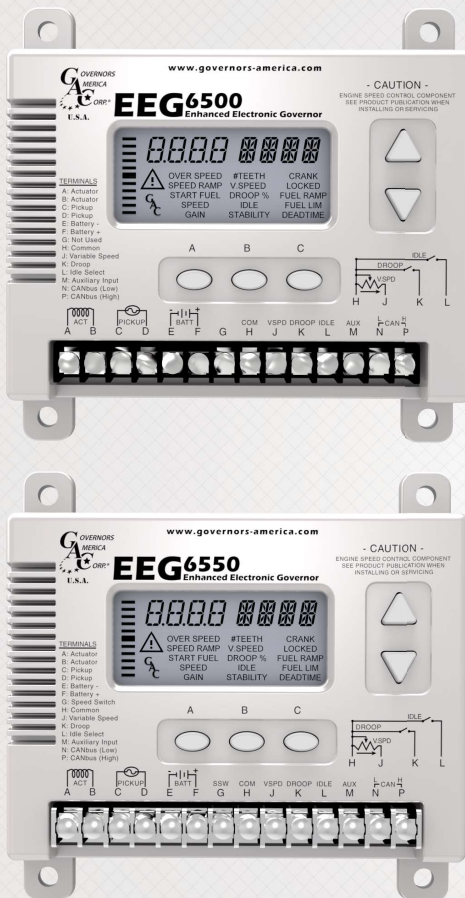




Enhanced Electronic Governor

EEG6500 Series, with Quickset Display

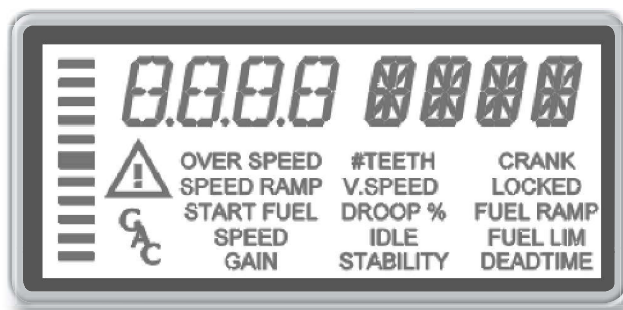
GAC's EEG6500 Series digital governor is designed to regulate engine speed on diesel and gasoline reciprocating engines. With flexibility, precision, and accurate control of governed speed, the EEG is designed for industrial engine applications from generator sets and mechanical drives, to pumps or compressors.



EEG6500 SERIES CONTROLLER FEATURE COMPARISON		
FEATURE	EEG6500	EEG6550
Simplified LCD User Interface		
Selectable Isochronous or Droop Governing		
2 Fixed Speeds (Rated/Idle) and Variable Speed		
Adjustable Starting Fuel Strategy (Black Smoke Reduction)		
Speed Ramping (Any Transient Speed Change)		
AUX Input for Synchronizing and Load Sharing		
AUXP (Selectable AUX Input Polarity)		
Configurable Speed Switch		
5K Ohm Resistive or 0-2.5V Variable Speed Input		
5K Ohm Resistive, 0-5V or 4-20mA Variable Speed Input		
Selectable Light Force Governor		
Speed Anticipation Feature For Improved Transient Performance		
Hour Meter		
Service Reset Hour Meter		
J1939 Engine Speed Output		
J1939 Engine Speed Output Variable Speed/Load Input with Service Info and Fault Condition		

The EEG6500 Series governor controllers are compatible with all GAC actuators and ATB's except the ADB335 and ACB2001

QUIKSET DISPLAY



The EEG6500 Series Quikset Display allows its operator to monitor and configure parameters without any external monitoring devices. This means no configuration software or PC required.

- Alpha Numeric Display
- Numerical Display
- Display Speed or Frequency, Actuator Position, Delta Speed Graph, Current being supplied to Actuator, Battery Voltage
- Configurable Parameters
- Warning Indicator

SPECIFICATIONS

Performance

Isochronous Operation	± 0.25%
Speed Range / Governor	100 Hz - 12 kHz (Mag Pickup)
Idle Adjust	1500kHz
Droop Range	1 - 25% regulation
Speed Trim	Programmable ±120Hz

Compliance / Standards

Agency	CE and RoHS Requirements
Communications	SAE J1939 (Option)

Reliability

Vibration	7G, 20 - 100 Hz
Shock	20 G Peak
Testing	Functional Testing

Input / Output

Supply	12 - 24 VDC Battery Systems (7.0 to 33 VDC)
Polarity	Negative Ground (Case Isolated)
Power Consumption	200mA max. continuous plus actuator current
Speed Sensor Signal	1.0 - 60 VRMS
Actuator Current @ 77°F (25°C) MAX	10A (6500)
Load Share / Synchronizer Input	0 - 10 VDC (5V nominal, 145Hz/V)
Reverse Power Protection	Yes
Transient Voltage Protection	60V

Environmental

Ambient Temperature	-40° to 85°C (-40° to +180°F)
Relative Humidity	up to 95%
All Surface Finishes	Fungus Proof and Corrosion Resistant
CE Rated	EN55011, EN50081-2, EN50082-2

Physical

Dimension	5.9 in x 5.6 in x 0.8 in (151mm x 144mm x 20mm)
Weight	1.8 lbs. (820 grams)
Mounting	Any Position, Vertical Preferred



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