

EcoStar™ III Order Spec Sheet (Product Configuration Form)



Configuration Options:

- Recommended: Download the EcoStar III mobile app from Google Play, complete the app configurations and email to: sales@lgs-group.com.
- Complete this form to specify custom configurations for your ECO3. Select optional features to be programmed on your ECO3 (if applicable). Submit this form with your order to: sales@lgs-group.com.

PURCHASER INFORMATION

Date _____

Company Name _____

Contact Name _____

Phone Number _____

Email Address _____

Vehicle Make _____ **Vehicle Model** _____

Vehicle Year _____ Vehicle Engine _____

INTERNAL ONLY

Config. Name	
Date Created	
Part Number	

Orders will not be processed without the install vehicle's make, model and year. This information is needed for accurate configuration.

BATTERY SETTINGS

	PRIMARY (12V)		AUXILIARY (12-48V)
Restart Voltage / Delay	____ / ____ 11.8V - 14.5V / 1800 Sec <i>(Default 12V / 5 Sec)</i>		____ / ____ Max 62V / 1800 Sec <i>(Default 0.0V / 5 Sec)</i>
Recharge Voltage / Timer	____ / ____ Max 14.5V / 1800 Sec <i>(Default 13.5V / 900 Sec)</i>		____ / ____ Max 62V / 1800 Sec <i>(Default 0.0V / 900 Sec)</i>

ENGINE IDLE TIMER

Shutoff Timer KEY IN: Enabled *(Default)* Disabled KEY OUT: Enabled *(Default)* Disabled

Shutoff Duration _____ Max 1800 Sec *(Default 15 Sec)* _____ Max 1800 Sec *(Default 2 Sec)*

SERVICE BRAKE FUNCTION

Select one: *(All options except E reset the timer)*

A: Pedal will inhibit the engine off request D: Only reset idle timer

B: Pedal will auto-restart the engine (when off) E: No function

C: Pedal will do both A and B *(Default)*

TEMPERATURE PRECONDITIONS

Ambient Air Operating Temperature (AAT)

Minimum _____ -200°F to 65°F *(Default -200°F)* Maximum _____ 80°F to 200°F *(Default 200°F)*

Engine Coolant Temperature (ECT) for Auto-shutoff

Gas Minimum _____ -200°F to 300°F *(Default -200°F)* Maximum _____ 200°F to 300°F *(Default 250°F)*

Diesel Minimum _____ -200°F to 300°F *(Default -200°F)*

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THERMOSTAT

Thermistor (-T Option) **ADDITIONAL PURCHASE**

- Temperature activated engine auto-restart
- Keeps vehicle interior temperature comfortable for personnel or temperature-sensitive equipment

Low Temperature Restart _____ -30°F to 105°F (Default 40°F) *Vehicle will restart at the low temperature and run until the warmup temp. has been reached before allowing the vehicle to shutdown.*

Low Temperature Shutoff _____ -30°F to 105°F (Default 55°F)

High Temperature Restart _____ -25°F to 110°F (Default 90°F) *Vehicle will restart at the high temperature and run until the cool down temp. has been reached before allowing the vehicle to shutdown.*

High Temperature Shutoff _____ -25°F to 110°F (Default 75°F)

INPUTS

Off Request Input

Temperature Preconditions: Enabled Disabled (Default)

Ignore temperature preconditions: Requires ambient and engine coolant temperature preconditions to be met before processing the off request.

On Request Input:

- Latching
 Activate Max A/C

Input 3 Shift Lock Trigger *(Input 3 can also trigger high idle. See Fast Idle configuration section, page 3.)*

Hood Switch (-B Option) **ADDITIONAL PURCHASE**

- System allows auto restart and stop only when hood is closed
- System requires hood status either from the vehicle network (CAN) or a discrete input

Select one: CAN Input

If hood switch signal is available on the vehicle network, it is not necessary to purchase a hood switch. CAN signal not available on all vehicles.

Discrete Input (Default)

Installation of a hood switch is required if the hood switch signal is not available on the vehicle network.

SIMULATED IGNITION POWER MODES

Wait Restart: (Select one) Off Accessory (Default) Run

Ignition Off: (Select one) Off (Default) Accessory

Key Out Sim Off: (Select one) Enabled* Disabled (Default)

**This option indicates EcoStar III is capable of simulating key off with the key out of the ignition and may require a key fob kit.*

OUTPUTS

Output Mode: (Select one mode per output; (D) = Default)

OUTPUT 1	<input type="checkbox"/> Run/Start	<input type="checkbox"/> Alarm	<input type="checkbox"/> AFIS Trigger	<input type="checkbox"/> Door Lock	<input type="checkbox"/> Lock: (D) Delay
	<input type="checkbox"/> Engine On	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	____ 0-1800 Sec (10 D)
OUTPUT 2	<input type="checkbox"/> Run/Start	<input type="checkbox"/> Alarm	<input type="checkbox"/> AFIS Trigger	<input type="checkbox"/> Door Lock	<input type="checkbox"/> Lock: Delay
	<input type="checkbox"/> Engine On (D)	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	____ 0-1800 Sec (10 D)
OUTPUT 3	<input type="checkbox"/> Run/Start	<input type="checkbox"/> Alarm	<input type="checkbox"/> AFIS Trigger	<input type="checkbox"/> Door Lock	<input type="checkbox"/> Lock: Delay
	<input type="checkbox"/> Engine On	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	____ 0-1800 Sec (10 D)
OUTPUT 4	<input type="checkbox"/> Run/Start	<input type="checkbox"/> Alarm	<input type="checkbox"/> AFIS Trigger	<input type="checkbox"/> Door Lock	<input type="checkbox"/> Lock: Delay
	<input type="checkbox"/> Engine On	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	____ 0-1800 Sec (10 D)

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SECURITY

Key Out Enable Delay _____ 0-1800 Sec (Default 3 Sec)

Secure Mode: Enabled (Default) Disabled

Activation Period _____ 1-1800 Sec (Default 5 Sec)

Sleep Disable Delay _____ 0-60 Min (Default 30 Min)

Theft Alarm:

Occurs during secure mode or key out operation if the shift lock mechanism is defeated and the transmission is shifted out of Park.

Flash Lights Enabled (Default) Disabled

Activate Output Enabled (Default) Disabled

Sound Horn Enabled (Default) Disabled

Alarm Duration _____ 1-1800 Sec (Default 20 Sec)

Cabin Temperature Alarm:

Occurs if the temperature in the cabin does not increase for low temp restart or decrease for high temp restart within 6 minutes. This alarm is also triggered if ECO3 fails to start the engine.

Flash Lights Enabled (Default) Disabled

Activate Output Enabled (Default) Disabled

Sound Horn Enabled (Default) Disabled

Alarm Duration _____ 1-1800 Sec (Default 20 Sec)

AutoSense™

Automatically locks and unlocks doors (including non-OEM doors) using an InterMotive fob.

Lock Distance _____ 1-10 (Default 8)

Distance settings are not actual measurements, but a scale based on signal strength from the fob to the module, which is installation dependent.

Unlock Distance _____ 1-10 (Default 7)

The Lock distance cannot be less than the Unlock distance.

ADVANCED FAST IDLE SYSTEM (AFIS)

Enabled (Default) Disabled

Default Engine Speed: (In increments of 50 RPM)

Require Park Brake

Gas _____ 900-2200 RPM (Default 1500)

Triggers: (Select one or more)

Diesel _____ 900-2200 RPM (Default 1200)

Primary Battery (Default)

Heater Boost: (In increments of 50 RPM / 5°F)

Auxiliary Battery

Gas _____ 900-2200 RPM (Default 1500)

Park Brake

Diesel _____ 900-2200 RPM (Default 1200)

Air Conditioning

ECT _____ 32°F to 300°F (Default 170°F)

Heater Boost

AAT _____ 32°F to 95°F (Default 70°F)

Thermistor (if purchased)

External Request (Default)