

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	

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

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 E: No function

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

TEMPERATURE

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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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 High Idle configuration section, page 3.)*

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: <i>(D)</i> Delay
	<input type="checkbox"/> Engine On	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	___ 0-1800 Sec <i>(10 D)</i>
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 <i>(D)</i>	<input type="checkbox"/> Key Out	<input type="checkbox"/> Equipment Enable	<input type="checkbox"/> Door Unlock	___ 0-1800 Sec <i>(10 D)</i>
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 <i>(10 D)</i>
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 <i>(10 D)</i>

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. The Lock distance cannot be less than the Unlock distance.

Unlock Distance ___ 1-10 *(Default 7)*

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SIMULATED IGNITION POWER MODES

Wait Restart: (Select one) Off Accessory (Default) Run
Ignition Off: (Select one) Off (Default) Accessory
Key Out Key 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.*

HIGH IDLE (ADVANCED FAST IDLE SYSTEM)

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)
 External Request (Default)

OPTIONAL FEATURES

NOTE: These features may require aftermarket components. Call for details.

Thermistor (-T Option)

- 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 75°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 90°F)

Hood Switch (-B Option)

- 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 Discrete Input (Default)

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.

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