

# 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: orders@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: orders@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)

Restart Voltage / Delay \_\_\_\_\_ / \_\_\_\_\_ 11.8V - 14.5V / 1800 Sec  
(Default 12V / 5 Sec)

Recharge Voltage / Timer \_\_\_\_\_ / \_\_\_\_\_ Max 14.5V / 1800 Sec  
(Default 13.5V / 900 Sec)

### AUXILIARY (12-48V)

\_\_\_\_\_ / \_\_\_\_\_ Max 62V / 1800 Sec  
(Default 0.0V / 5 Sec)

\_\_\_\_\_ / \_\_\_\_\_ Max 62V / 1800 Sec  
(Default 0.0V / 900 Sec)

## 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)