

# EcoStar III Order Spec Sheet (Product Configuration Form)



## Submission 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 Model/Year/Engine \_\_\_\_\_

## INTERNAL ONLY

Config. Name	
Date Created	
Part Number	

## BATTERY SETTINGS

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

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

<input type="checkbox"/> A: Pedal will inhibit the engine off request	<input type="checkbox"/> D: Only reset idle timer
<input type="checkbox"/> B: Pedal will auto-restart the engine	<input type="checkbox"/> E: No function
<input type="checkbox"/> 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)
Diesel Minimum	_____ -200°F to 300°F (Default -200°F)
Maximum	_____ 200°F to 300°F (Default 250°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

## OUTPUTS

OUTPUT 1 Mode:  Run/Start  Lock: (Default) Delay \_\_\_\_\_ 0-1800 Sec (Default 10 Sec)  
(Select one)  Engine On  Key Out  
 Alarm  Equipment Enable

OUTPUT 2 Mode:  Run/Start  Lock: Delay \_\_\_\_\_ 0-1800 Sec (Default 10 Sec)  
(Select one)  Engine On (Default)  Key Out  
 Alarm  Equipment Enable

## 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

Sound Horn  Enabled (Default)  Disabled

Activate Output  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

Sound Horn  Enabled (Default)  Disabled

Activate Output  Enabled (Default)  Disabled

Alarm Duration \_\_\_\_\_ 1-1800 Sec (Default 20 Sec)

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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

RPM Gas    \_\_\_\_\_ 900-2200 RPM (Default 1500)

RPM Diesel    \_\_\_\_\_ 900-2200 RPM (Default 1200)

Triggers: (Select one or more)

Primary Battery (Default)

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

Auxiliary Battery

RPM Gas    \_\_\_\_\_ 900-2200 RPM (Default 1500)

Park Brake

RPM 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 55°F)

Low Temperature Shutoff    \_\_\_\_\_ -30°F to 105°F (Default 70°F)

*Vehicle will restart at the low temperature and run until the warmup temp. has been reached before allowing the vehicle to shutdown.*

High Temperature Restart    \_\_\_\_\_ -25°F to 110°F (Default 95°F)

High Temperature Shutoff    \_\_\_\_\_ -25°F to 110°F (Default 80°F)

*Vehicle will restart at the high temperature and run until the cool down temp. has been reached before allowing the vehicle to shutdown.*

### 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.*