

# 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)

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

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)

## ADDITIONAL FEATURES FOR PURCHASE

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

### 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

*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.*

### Engine Off (-K Option)

- Shuts off the engine if the Service Brake is pressed (Ford Super Duty only)

### 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)