

EcoStar III Order Spec Sheet (Product Configuration Form)



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AUTOMOTIVE TECHNOLOGIES

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

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 <i>(Default)</i> | |

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)*

EcoStar III Order Spec Sheet (Product Configuration Form), Page 2

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)*

EcoStar III Order Spec Sheet (Product Configuration Form), Page 3

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 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.

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)