

Automatic Generator Start - Auto Gen Start (AGS):

Auto Gen Start continuously monitors the power system and can start the generator if the battery voltage or the state of charge reaches preset limits. Auto Gen Start can be used to start the generator and assist the inverter/charger when power demands are high. When properly configured, Auto Gen Start ensures that all power requirements are met and that the batteries stay charged.

Auto Gen Start enables manually starting and stopping the generator. There are a number of settings which must be configured to ensure that the generator automatically starts and stops under the right conditions and at the right time. Many of these settings have been programmed at the factory. Only the AGS Mode and Quiet Time will need to be configured.

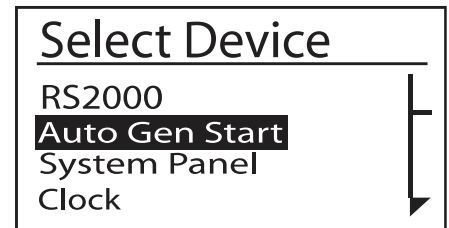
The AGS Mode enables either automatic or manual control of the generator. In the Automatic Mode, the generator can start and stop automatically in response to low battery voltage, low battery state of charge, AC loads on the inverter, or exercise time. Automatic mode also uses a Quiet Time feature, which prevents the generator from starting during evening hours or other inconvenient times.

WARNING:

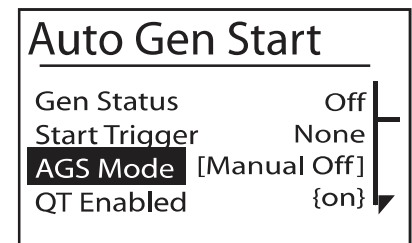
Running a generator in an enclosed space produces potentially lethal exhaust gases. Prior to storing the motorhome, disable the Auto Gen Start by placing the system in the Hibernate mode. The generator connected to Auto Gen Start should not otherwise be left unattended.

Use the buttons on the System Control Panel to perform three basic steps to change the Auto Gen Start setting:

1. View the Select Device menu.
2. Select the Auto Gen Start from the Select Device menu.
3. Select and adjust a changeable setting on the Auto Gen Start menu.



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Factory Configured Settings:

SETTINGS	VALUES	DEFAULT	USER SETTING
INVERTER	Enable/Disable	Disable	
Power Share	30A	30A	
Max Charge Rate	100%	100%	
Load Sense	OFF	OFF	
Equalize	OFF	OFF	
CHARGER	Enable/Disable	Enable	
Lo AC Volt	10vdc	10vdc	
Batt Type	Flooded	Flooded	
Batt Size	440ah	440ah	
Sense Below	50w	50w in 10w increments	
Sense Interval	1s	1s	
Charge Stage	3 Stage	3 Stage	
	ON	ON	
CONFIGURE AC LIMITS			
Low AC Volt	105v	90v	
Low AC Freq	55hz	55hz	
Hi AC Volt	132v	135v	
Hi AC Freq	65hz	65hz	
AGS SETTINGS			
AGS Mode	Automatic/Manual ON/Manual OFF	Manual OFF	
QT Enable	ON	ON	
QT Begin	10:00 PM	10:00 PM	
QT End	7:00 AM	7:00 AM	
Gen Type	Type 2	Type 1	

SETTINGS	VALUES	DEFAULT	USER SETTING
CONFIGURE TRIGGERS			
Start SOC	OFF	OFF	
Stop SOC	OFF	OFF	
Start V:30	11V	11V	
Start V:15 min	11.3V	11.3V	
Start V:2 hr	11.8V	11.8V	
Start V:24 hr	12.3V	12.3V	
Stop Batt Volt	15V	15V	
Enable Temp 1	OFF	OFF	
Enable Temp 2	OFF	OFF	
Enable Load	OFF	OFF	
Start Load	10.0a	10.0a	
Stop Load	7.0a	7.0a	
Stop Absorb	ON	ON	
Stop Float	OFF	OFF	
CONFIGURE GEN			
Starter Cool Down	60s	60s	
Gen Cool Down	2 min	2 min	
Gen Warm Up	2 min	2 min	
Max Run Time	3 hrs	3 hrs	
Exercise Per	21 days	21 days	
Exercise Dur	30 min	30 min	
Exercise Time	9:00 AM	12:00 AM	