# ACin ignore timer using CCGX Generator auto start/stop example

Note that below functionality requires Color Control GX version v1.30 or newer. See here for update instructions.

### Introduction

The CCGX internal relay can be used to start a generator. The relay can also be used to set other things. For example in combination with an assistant and the use of an AUX input it can be used as a timer to ignore ACin on set times to make use of 'off peak tarrifs'. The multi/Quattro does not have a real time clock so the time is not very exact. The ColorControl does have an internal clock. Exact switching can be done.

## **Enable the start/stop function**

For all the information on how to enable this go to this page: https://www.victronenergy.com/live/ccgx:generator\_start\_stop

• Generator state: Condition that is currently keeping the generator running.

### Settings

• Conditions: See Conditions

## Conditions

• Periodic test run

#### **Condition settings**

<	Battery	voltage		13:00
Use battery v	oltage value to	start/stop		
Start when b	attery voltage is	lower than		12.0V
Start value d	uring quiet hour	s		11.8V
Start after th	e condition is re	ached for		120s
Stop when ba	attery voltage is	higher than		14.4V
Stop value du	uring quiet hour	5		14.0V
Stop after the	e condition is re	ached for		120s
Pag <u>ام</u>	ges /	^	<b>≣</b> Menu	

#### **Test run condition**

Allows you to program a periodical test run.

C Enable periodic test run	12:23	
Enable		
Test run interval	1 days	
Skip test run if has been running for	Start always	
Test interval start date	2015-10-07	
Start time	11:44	
Test duration (hh:mm)	00:01	
Run until battery is fully charged	OFF	
ᆈ Pages ^ :	<b>≣</b> Menu	

- Test run interval: Test run will be performed periodically based on this setting
- Skip test run if has been running for: The test will be skipped if during the test run interval the generator was running at least the number of hours set on this setting.
- **Test interval start date**: The interval count will start based on this date, this setting can be set in the future and the interval will be ignored till the set date is reached.
- Start time: Time of day in which the generator will start
- Test duration: Duration of the test

