



[Knowledgebase](#) > [Power Management](#) > [easYgen-3000XT](#) > [easYgen-3000XT - Unload gen when switch from Parallel to Interchange while exporting power](#)

easYgen-3000XT - Unload gen when switch from Parallel to Interchange while exporting power

Justin Schneider - 2026-07-27 - [easYgen-3000XT](#)

THIS IS ONLY VALID FOR EASYGEN-3000XT CONTROLS HAVING VERSION <1.15

Reported issue:

MCB opening immediately when transferred from Parallel mode (Steady state) to Interchange mode (by LogicManager).

When Importing around -400 KW and then transferring into the Interchange mode the generator will load up (unloading mains) and open the MCB at around -50 kw import.

BUT: When Exporting around 400 KW and then transferred into the Interchange mode, the MCB gets opened immediately.

Workaround:

However, we discussed this with our engineering people, and we think following workaround will solve that issue.

1. Using DI 09 also to switch to an alternative setpoint and set e.g. 0 kW "Export"

The screenshot displays the 'Load setpoint 4' configuration window. It includes a dropdown menu set to 'Export' and a text input field showing '0,0 kW'. Below this, there are two sections for delay settings: 'Delay ON' and 'Delay OFF', both set to '0,00 s'. A status indicator shows '11456 87.67 LM: Setp. 3 load' with an 'Edit...' button. A second section, '12269 Setp. 4 load', shows a logic condition '(09.09 Discrete input 9 And True) And True' and similar delay settings. A status indicator for this section shows '11464 87.75 LM: Setp. 4 load' with an 'Edit...' button.

2. Monitor by a "Flex. Limit" the mains kW e.g. to reach 3% of rated kW

Flexible limits

Flexible limits 3

Flexible limit 3

4242 Description Mains kW < 3%

4234 Monitoring On ▼

4238 Monitoring at Underrun ▼

4239 Limit 3,00

4250 Hysteresis 0,00

4241 Delay 1,00 s

4235 Alarm class Control ▼

4236 Self acknowledge No ▼

4237 Enabled Always ▼

Flexible limit 4

4259 Descrip

4251 Monito

4255 Monito

4256 Limit

4267 Hyster

4258 Delay

4252 Alarm c

4253 Self ac

4254 Enable

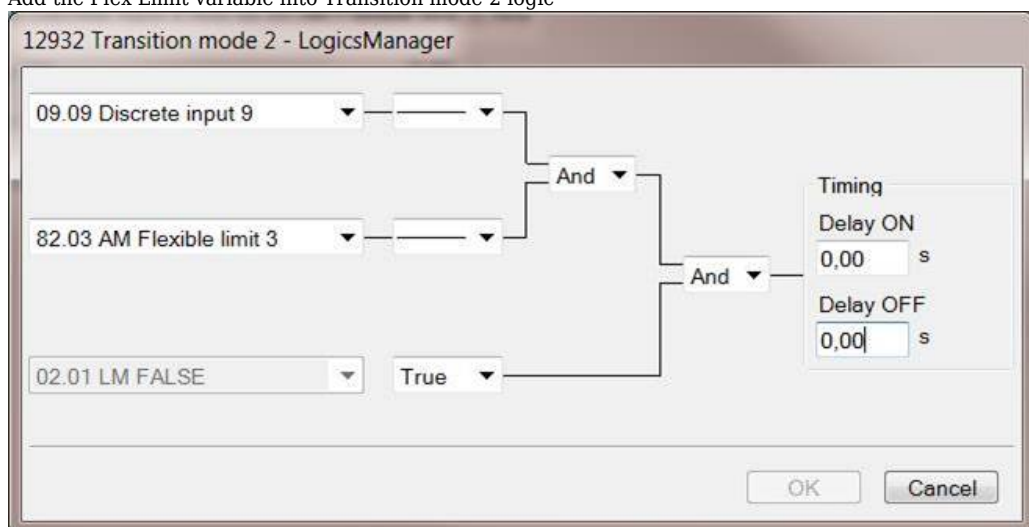
Analog manager

4240 AM FlexLim 3 source

A1	02.24 Mains act.power [%] ▼		
A2	10.01 ZERO ▼		
C1	0		
L1	02.01 LM FALSE ▼	▼	
L2	02.01 LM FALSE ▼	▼	
Type	Pass through ▼		

Apply
Cancel

3. Add the Flex Limit variable into Transition mode 2 logic



Doing so, when DI 9 is active, first we go for 0 kW export setpoint; if the limit kW at mains side reaches 3% of rated kW, then "Interchange" transition becomes active, and the MCB will open.