

The GoodWe load control function aims to promote the external control of main household loads like heat pumps so that they can be operated in response to state of the inverter.

Given your load you should be fine, but you might experience issues if your motor's inrush is greater than the inverter's constant current rating. On startup the inverter may not have the ...

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Load balancing seeks to mitigate the impact of intermittent solar generation on the grid by smoothing out power fluctuations and reducing peak demand. Another key objective is to enable ...

While this would be easy to do in Ignition, I don't recommend using an HMI for control logic. Put the schedule and the logic to use it in the PLC and view/edit the schedule in Ignition.

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When Limited Power to Load is exclusively selected, the inverter will restrict incoming PV power to only charge the batteries and cover the appliances connected to the LOAD terminals of the Sol-Ark.

The inverter will automatically switch off as soon as it detects that there is no load connected. It then switches on, briefly, every 3 seconds to detect a load.

Web: <https://www.idsolar.co.za>