

AVS Application note

AVS Application note

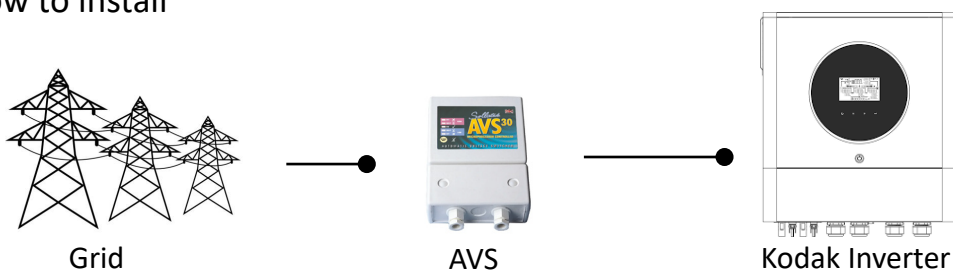
When using the Kodak inverters, it is advisable to install an AVS (automatic voltage switch) device, this device will act as an extra protection device to secure your unit from voltage spikes or drops that may be caused by grid maintenance or load shedding influx.

In our portal we offer 2 AVS devices –

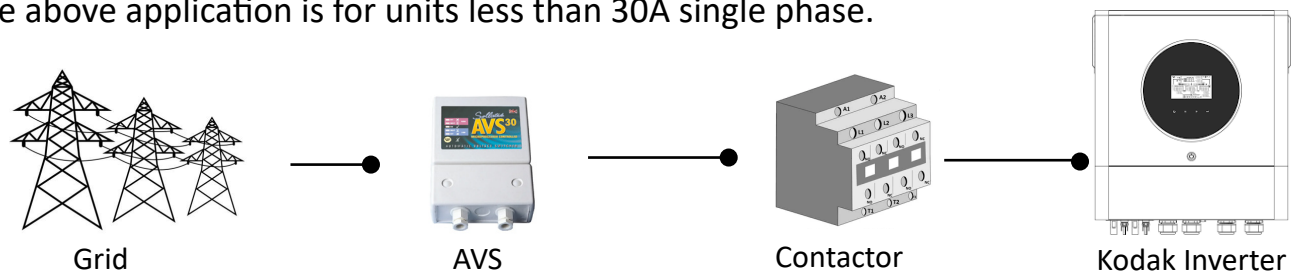
- Single phase 230V 30A
- Three phase

These need to be used in all application with the Kodak units for when connected to the grid to protect the inverter from dangerous grid voltages.

How to install



The above application is for units less than 30A single phase.



The above application is for units rated >30A or when using the three-phase AVS device. An contactor is required.

Contactor requirements -

The AVS would need an additional contactor with specifications that adhere to the input currents of the inverter/s being installed. The following is also required -

- A 2-pole-single throw contactor for single phase or a 4-pole-single throw contactor for three-phase.
- A N/O (normally open) is advisable.
- Be sure to look at the specifications of your unit for the right size contactor.