Grid Interactive Inverter Assignment #1

In groups of two. Select a microinverter and a PV panel from the list below (Each group selects a different microinverter).

From the manufacturers manuals (PV and microinverter) show whether they are compatible or not.

Include all appropriate data required to defend your recommendations.

Write your findings in a Word document and include manufacturer’s data from their manuals.

Microinverter options:

* APS microinverter
* Enphase M190
* GMI700
* GTB-600
* SunMAX
* WVC 2000
* WVC 1400
* Enphase IQ7 IQ7+
* Enphase IQ8+

Solar PV panel options are located electronically in pdf or Word format.

For the inverter that your group has selected, take every solar panel and provide the data to support if the panel will work on your inverter.

Take the parameters that the inverter requires in a table format and take the parameters from each solar panel and place them within the same table.

Identify which PV panels will work on your inverter.

Identify the parameters that do not match your inverter for panels that will not work on your inverter.