STRING INVERTER  VS  STRING INVERTER + POWER OPTIMIZERS  VS  MICROINVERTERS

Cost effective  
Independent panel production  
Independent panel production

Ground accessible for easy maintainance  
Most efficient inverter at 99%  
Efficient inverter at 97%

If Inverter fails entire system production stops  
Panel level monitoring  
Panel level monitoring

System only produces as much electricity as its least productive panel  
Battery storage ready EV ready  
If Inverter fails remaining system production continues

System level monitoring only  
Ground accessible for easy inverter maintenance

 If Inverter fails entire system production stops

Roof top inverter maintenance  
More failure points with multiple inverters

Battery storage requires conversion with efficiency losses

Wattage max of 295W

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