

Power One inverter benefit: Dual modulation, not singular. Strings in different orientation (S, W, E) can be connected to a single inverter, so if the sun saturation is different on each string, it does not affect the performance of the other strings. In a conventional inverter, a string with only 60% sun saturation will bring down the level of a 100% saturated string to an 80% power level. This will not happen with the Power One dual modulating inverter. In addition, Power One inverters have very low startup Voltage (120V) and cutoff Voltage (90V), so the PV array starts generating power earlier in the day, and stops generating later in the day than most other inverters on the market.