

# Three Phase Inverters for the 220/127V Grid in Brazil – Design Rules

## Design Rules

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Inverters connected to the 220/127V grid in Brazil will operate with reduced AC power rating, due to the lower grid voltage; for full specifications refer to the inverter datasheets:

- [SE17K, SE27.6K](#)

The following table details PV system design when connecting the SE17K and SE27.6K inverters to the 220/127V grid:

	SE17K, SE27.6K		
Compatible Power Optimizers	P300-P500	P600-P700	P800
Minimum String Length (Power Optimizers / Modules)	10 / 10	8 / 16	8 / 16
Maximum String Length (Power Optimizers / Modules)	25 / 25	30 / 60	30 / 60
Maximum Power per String	6000		7200