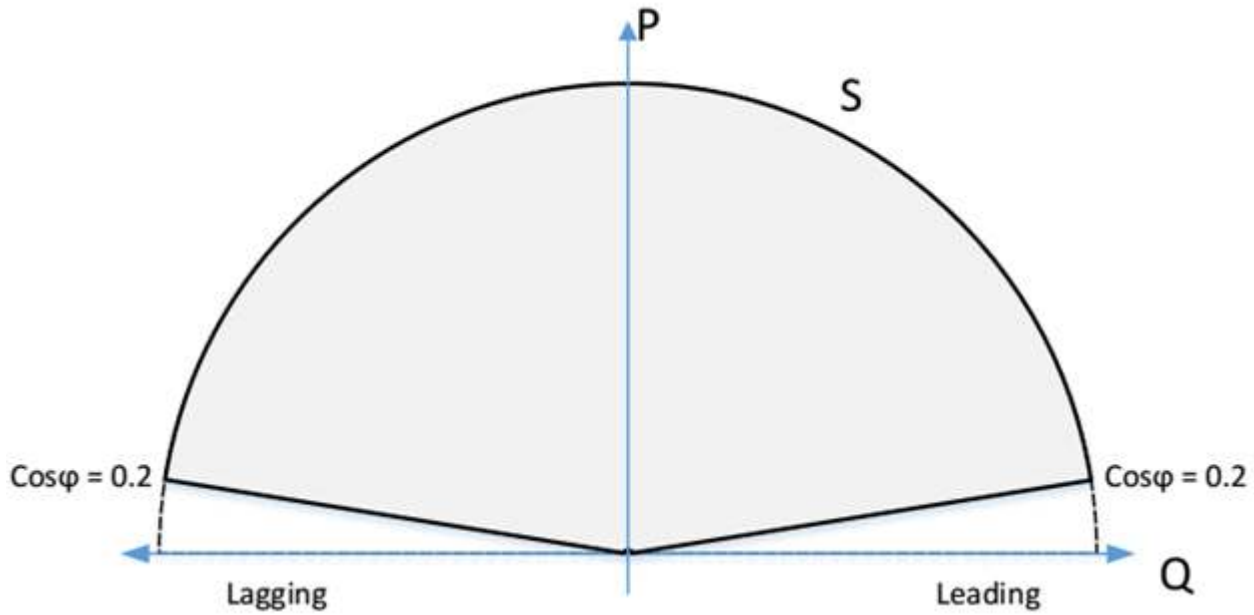


# Technical Note – P-Q Diagram of SolarEdge Inverters

SolarEdge inverters of the models detailed below can operate at any point within the shaded area of the following diagram:



Where:

- P is the inverter active power (measured in W)
- S is the inverter apparent power (measured in VA)

This applies to the following inverters:

- Single phase inverters with DSP1 firmware version 1.210.693 and above
- Three phase inverters:

North America	Europe & APAC
SE14.4KUS, SE30KUS, SE33.3KUS, SE43.2KUS, SE66.6KUS, SE100KUS	SE25K, SE27.6K, SE33.3K, SE50K, SE55K, SE66.6K, SE82.8K, SE100K
SE9KUS, SE10KUS, SE20KUS with the following part numbers: SE9K-US228xxxx, SE10K-US248xxxx, SE20K-US248xxxx  SE9KUS, SE10KUS, SE20KUS with other part numbers when upgraded to DSP1 firmware version 1.13.743 and above	SE4K-SE17K with serial numbers SJxxxxx-07 <b>100000</b> -xx to SJxxxxx-07 <b>11FFFF</b> -xx or SZxxxxx-07 <b>180000</b> -xx to SZxxxxx-07 <b>19BFFF</b> -xx or SFxxxxx-07 <b>000100</b> -xx to SFxxxxx-07 <b>03FFFF</b> -xx SE4K-SE17K with other serial numbers when upgraded to DSP1 firmware version 1.13.743 and above