



SolarEdge Inverters – Compliance with 16A Limit

In some countries, local regulations mandate that the inverter AC current shall not exceed 16A per phase. In some countries inverters without this limit may be used as well (DNO specific). This document details the various 3.5kW and 4kW SolarEdge inverters and part numbers for each of these cases; inverters of other capacities are unaffected by this limit.

Current situation

The following 3.5kW and 4kW single phase SolarEdge inverters, with their corresponding part numbers, are available:

AC power	Max AC current	Available Part Numbers
3.5kW	16A	SE3500-ER-01-GBR, for the United Kingdom
	19A	SE3500-ER-01 for general Europe SE3500-ER-01-xxx where xxx is not GBR, e.g. DEU for Germany
4kW	16A	SE4000-ER-01-GBR, for the United Kingdom
	22A	SE4000-ER-01 for general Europe SE4000-ER-01-xxx where xxx is not GBR, e.g. DEU for Germany

Beginning Dec. 13th

The following 3.5kW and 4kW single phase SolarEdge inverters, with their corresponding part numbers, are available beginning December 13th 2011:

AC power	Max AC current	Available Part Numbers
3.5kW	16A	SE3500-ER-01-GBR for the United Kingdom SE3500-ER-01-DEN for Denmark SE3500-ER-01-PRT for Portugal SE3500-ER-01-POL for Poland Other countries – contact SolarEdge
	19.5A	SE3500-ER-01 for general Europe SE3500-ER-01-xxx where xxx is not GBR, DEN, PRT or POL, e.g. DEU for Germany
4kW	16A	SE4000-ER-01-16A for general Europe
	22A	SE4000-ER-01 for general Europe SE4000-ER-01-GBR for the United Kingdom SE4000-ER-01-DEN for Denmark SE4000-ER-01-PRT for Portugal SE4000-ER-01-POL for Poland SE4000-ER-01-xxx, e.g. DEU for Germany

Note: PN SE4000-ER-01-GBR which was previously limited to 16A will no longer be limited. To distinguish between a limited and an unlimited inverter, refer to its ratings label. An additional label will be provided to be placed on inverters boxes that are in stock.

Note: Inverters with PN SE4000-ER-01-16A are not preconfigured to a specific country and must be configured after installation. They have a default English language setting and will be supplied with an English Installation Guide.