

SolarEdge TerraMax™ Inverter short circuit current levels - Technical Note - EU & ROW

Revision History

- Version 1.2, May 2025 - Updates to I_{nom} (A) of all inverter models
- Version 1.1, February 2024 – Add SE330K
- Version 1.0, August 2024 – Initial release

Overview

This document specifies the short-circuit currents and their duration for the SolarEdge TerraMax Inverter.

Short circuit current ratings under fault conditions

The following short circuit current ratings exclude the reactive current during the fault.

I_{nom} (A)	Inverter Model @ 600V L-L	I_p (A)	1 Cycle RMS (A)	3 Cycles RMS (A)	Duration (ms)
276.1	SE330K	618	197	221	150
276.1	SE300K	585	182	228	150