

SolarEdge TerraMax™ Inverter short circuit current levels - Technical Note - North America

Revision History

- Version 1.1, March 2024 – Changed name to TerraMax
- Version 1.0, December 2023 – Initial release

Overview

This document specifies the short-circuit currents and their duration for the SolarEdge TerraMax Inverter, as required in UL1741 certification standard.

Short circuit current ratings under fault conditions

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

For the SE330KUS inverter part number SE330K-xxxxxxxx:

I_{nom} (A)	Inverter Model @ 690V L-L	I_p (A)	1 Cycle RMS (A)	3 Cycles RMS (A)	Duration (ms)
275	SE330KUS	592	217	236	150