

SolarEdge Product Waiver Approval

Issue date: July 21, 2025

Dear installer,

Upon examining your waiver request, SolarEdge decided to approve it under the following conditions:

- a) This approval is limited to installations done in Europe only.
- b) The approved designs are as follows:
 - i) The connection of S500B Power Optimizers with PV modules up to 650W, Voc up to 125V, and Isc up to 16.5A. **Continuous current during operation is limited to 15A.**
 - ii) The connection of S650B Power Optimizers with PV modules up to 650W, Voc up to 85V, and Isc up to 16.5A. **Continuous current during operation is limited to 15A.**
 - iii) If the PV module Isc is greater than 15A, the minimum DC/AC oversizing ratio per inverter shall be at least 110%, according to the datasheet STC values (disregarding bi-facial gains).
- c) The rest of the installation guidelines and the Power Optimizer's performance remain as stated in the SolarEdge specifications and installation documents.

SolarEdge approves that the designs mentioned above, though exceeding the Power Optimizer maximum short circuit current (Isc) of the connected PV module (16.5A vs. 15A) and the rated DC input power (650W vs. 500W), will not void the Power Optimizer or Inverter warranty.

The site must be connected to the SolarEdge monitoring.



Ori Aphek

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