



Test Report No.: **7513215074**

In accordance with Clause 12 of the Standards Law – 1953

Details of order:

Name of customer: SolarEdge Technologies Ltd.
Address: 1 H'aMada St., Herzliya Pituach, 4673335 Israel
Date of order: 09/07/2025

Description of sample:

Grid-tied photovoltaic and battery inverter
Models: NXYK (Y can be replaced by 8, 10, 12.5, 13, 15, 16, 17, 20)
Manufacturer: SolarEdge Sella1
(See additional product information on pages 1-32)

Sampling details:

No sample required.

Nature of test:

Review of test reports:

Report number: 24TH0306-IEC62109-1_0
Report Standards and Editions: IEC 62109-1:2010, EN 62109-1:2010,
DIN EN 62109-1:2011
Report Issued by: Bureau Veritas Consumer Products Services Germany GmbH
Report date: 08.07.2025

Report number: 24TH0306-IEC62109-2_0
Report Standards and Editions: IEC 62109-2:2011, EN 62109-2:2011
DIN EN 62109-2:2012
Report Issued by: Bureau Veritas Consumer Products Services Germany GmbH
Report date: 08.07.2025

General product information:

Dimension of EUT: 490 by 430 by 205 mm. (W × H × D)

The product is a three-phase hybrid solar inverter designed for photovoltaic (PV) applications, converting direct current (DC) electricity from solar modules or battery storage into grid-compliant alternating current (AC) power. It supports both on-grid and backup power functionalities, making it suitable for residential and commercial installations.

The inverter is of transformer less design. It incorporates electromagnetic compatibility (EMC) filters on both the DC input and AC output to minimize conducted and radiated emissions.

For safety and grid compliance, the inverter includes two series-connected disconnection relays on the AC side. This redundant switching mechanism ensures reliable isolation of the inverter from the grid in accordance with safety standards.