



Product Service

Attestation of Conformity

No. E8A 082496 0043 Rev. 00

Holder of Attestation: **SolarEdge Technologies Ltd.**

1 Hamada Street
4673335 Herzeliya
ISRAEL

Name of Object: **Converter**
(Energy storage converter)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772243024701A

Date, 2024-04-22

(Tony Liu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): PCS050
Trade name: SolarEdge



Description of Object:

Model:	PCS050
Battery input/output terminal parameters:	
Battery type	Lithium-ion battery
Rated voltage	512 V d.c.
Battery voltage range	350 V d.c. ~ 750 V d.c.
Rated charging power	50 kW
Maximum charging current	55/55 A d.c.
Rated discharging power	50 kW
Maximum discharging current	55/55 A d.c.
AC input terminal parameters:	
Rated input voltage	230/400 V a.c., 3L/N/PE
Rated input frequency	50 / 60 Hz
Maximum continuous input current	80 A a.c.
Maximum input active power	50 kW
Maximum input apparent power	55 kVA
AC output rating	
Rated output voltage	230/400 V a.c., 3L/N/PE
Rated output frequency	50 / 60 Hz
Maximum continuous output current	80 A a.c.
Maximum continuous output active power	50 kW
Maximum continuous output apparent power	55 kVA
Power factor	1 leading to 1 lagging
General	
Operating temperature range	-25 °C ~ 60 °C (Derating above 45 °C)
Protection class	I
Ingress protection	IP65
Operating altitude range	≤3000m

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**Tested
according to:**

EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019
EN IEC 61000-3-11:2019
EN 61000-3-12:2011
EN 55011:2016/A2:2021

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