



Product Service

Compliance Document

No. D 082496 0055 Rev. 00

Holder of Certificate: **SolarEdge Technologies Ltd.**
1 Hamada Street
4673335 Herzeliya
ISRAEL

Product: **Converter**
(Energy Storage Inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290253083601

Date, 2025-03-21

(Billy Qiu)

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Model(s):

PCS050

Parameters:

Model	PCS050
Battery input/output parameters	
Battery type	Lithium-ion
Maximum voltage [V _{DC}]	750
Battery rated voltage [V _{DC}]	512
Battery voltage range [V _{DC}]	350 - 750
Maximum charge/discharge power [W]	50000
Maximum charge/discharge current [A _{DC}]	50
Grid terminal parameters	
Rated input/output voltage [V _{AC}]	3P+N+PE, 230/400
Rated input/output frequency [Hz]	50
Rated input/output current [A _{AC}]	72
Maximum continuous input/output current [A _{AC}]	80
Rated input/output active power [W]	50000
Maximum input/output active power [W]	50000
Registered capacity [W]	50000
Maximum input/output apparent power [VA]	55000
Reactive power setting range [Var]	-16500 to 16500
Power factor range	0.95 inductive(under-excited) to 0.95 capacitive(over-excited)

Tested

according to:

G99/1-10:2024