

# Compliance Document

No. D 082496 0046 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290243049101

**Date,** 2024-05-31



( Billy Qiu )

# Compliance Document

No. D 082496 0046 Rev. 00

**Model(s):** PCS050

**Parameters:**

Model	PCS050
Battery input/output parameters	
Battery type	Lithium-ion
Maximum voltage [V <sub>DC</sub> ]	750
Battery rated voltage [V <sub>DC</sub> ]	512
Battery voltage range [V <sub>DC</sub> ]	350-750
Maximum charge power [W]	55000
Maximum discharge power [W]	55000
Maximum charge current [A <sub>DC</sub> ]	55/55
Maximum discharge current [A <sub>DC</sub> ]	55/55
Grid terminal input parameters	
Rated input voltage [V <sub>AC</sub> ]	3P+N+PE, 230/400
Rated input frequency [Hz]	50
Maximum continuous input current [A <sub>AC</sub> ]	80
Maximum continuous input active power [W]	50000
Maximum continuous input apparent power [VA]	55000
Power factor range	0.9 inductive(under-excited) to 0.9 capacitive(over-excited)
Grid terminal output parameters	
Rated output voltage [V <sub>AC</sub> ]	3P+N+PE, 230/400
Rated output frequency [Hz]	50
Rated output current [A <sub>AC</sub> ]	72
Maximum continuous output current [A <sub>AC</sub> ]	80
Rated output active power [W]	50000
Maximum output active power [W]	50000
Maximum output apparent power [VA]	55000
Power factor range	0.9 inductive(under-excited) to 0.9 capacitive(over-excited)

**Tested** NRS 097-2-1:2024  
**according to:**