



Product Service

Attestation of Conformity

No. E8A 082496 0027 Rev. 00

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

Name of Object: **Battery Packs**
(Rechargeable Li-ion Battery System)

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 all essential 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 testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 6877221004401A

Date, 2022-04-21

(Laurent Yuan)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): **BAT-05K48**

Description of Object:

Ratings : See below table for details.
 Protection Class : I

Product name	Rechargeable Li-ion Battery System
Model name	BAT-05K48
Nominal voltage	51.2Vd.c.
Rated capacity	100Ah
Recommended charging voltage by manufacturer	56.5V
Upper limit charging voltage	56.5V
Charging current declared by manufacturer	50A
Maximum Continuous Charging Current	50A
Discharging current declared by manufacturer	80A
Maximum Continuous Discharging Current	80A
Standard charging method by manufacturer	Charge at constant current 50A
Weight	54Kg
Battery type	LFP(LifePO4)
Voltage range	44.8-56.5Vdc
Rated voltage	51.2Vdc
Energy capacity	5.12kWh
Usable capacity	4.6kWh
Maximum charge power	2.825kW
Maximum discharge power	4.096kW
Protective class	Class I

Tested according to:

- EN IEC 61000-6-1:2019
- EN IEC 61000-6-3:2021
- EN IEC 61000-6-2:2019
- EN IEC 61000-6-4:2019
- EN IEC 61000-3-11:2019
- EN 61000-3-12:2011

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