



Product Service

CERTIFICATE

No. B 082496 0044 Rev. 00

Holder of Certificate: SolarEdge Technologies Ltd.

1 Hamada Street
4673335 Herzeliya
ISRAEL

Certification Mark:



Product:

**Converter
(Energy storage PCS)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290243049001

Valid until: 2029-03-24

Date, 2024-04-30

(Billy Qiu)

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Model(s): **PCS050**

Parameters:

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

Tested according to: IEC 62109-1:2010
 EN 62109-1:2010
 IEC 62109-2:2011
 EN 62109-2:2011
 IEC 62477-1:2012
 IEC 62477-1:2012/AMD1:2016
 EN 62477-1:2012/A12:2021