

A P P R O V A L S ®

Certificate of Suitability

Certificate No.:

Certificate Holder:

Regulatory Definition: Product Description: Trade Name/s: Model No.: Rating/Marking/s:

SAA210949

SolarEdge Technologies Ltd. 1 HaMada Street, Herzeliya 4673335 Israel

Non-Prescribed Grid-tied Photovoltaic Inverter SolarEdge Technologies Ltd. SE120K PV Input Ratings: 1000Vdc Max Operating Voltage Range 680-1000Vdc 3x48.25A IscPV: 3x48.25A Grid Output Ratings: 277/480Vac, 50/60Hz Rated current 145A, Rated power 120000VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +60°C Protective Class: I OVC: PPV II, Grid III Topology: non-isolated IP65

IEC 62109-1 Ed. 1.0 IEC 62109-2 Ed. 1.0 AS/NZS 4777.2:2015 Nil

 $RCM\,$ (In accordance with AS/NZS 4417 and EESS requirements) and

SAA210949

24 June 2021 24 June 2026

For and on Behalf of SAA Approvals Pty Ltd

This certificate is issued by SAA Approvals Pty Ltd in accordance with the SAA Approvals Electrical Product Safety Certification Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065 and RECS accreditation under the Queensland Government legislative requirements. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the schemes herein.

For SAA Contact Details and to verify this Certificate go to:

www.saaapprovals.com.au





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Standard/s:

Condition/s:

Approval Marks:

Initial Issue Date: Expiry Date:



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Additional Models SE100K-AU	Trade Name SolarEdge Technologie	es Ltd.	Rating/Marking PV Input Ratings: 1000Vdc Max Operating Voltage Range 680-1000V 3x40A IscPV: 3x40A Grid Output Ratings: 277/480Vac, 50/60Hz Rated current 120. Rated power 100000VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +40 Protective Class: I OVC: PPV II, Grid III Topology: non-isolated IP65	Α,	
SE80K	SolarEdge Technologi	es Ltd.	PV Input Ratings: 1000Vdc Max Operating Voltage Range 680-1000Vdc 2x48.25A IscPV: 2x48.25A Grid Output Ratings:		
			277/480Vac, 50/60Hz Rated current 96.5A, Rated power 80000VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +60°C Protective Class: I		
			OVC: PPV II, Grid III Topology: non-isolated		
			IP65		
SE66.6K-AU	SolarEdge Technologie	es Ltd.	PV Input Ratings: 1000Vdc Max Operating Voltage Range 680-1000V 2x40A IscPV: 2x40A Grid Output Ratings: 277/480Vac, 50/60Hz Rated current 72.5 Rated power 66600VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +4 Protective Class: I OVC: PPV II, Grid III Topology: non-isolated IP65	5A,	
R. A. Nillo					
For and on Behalf of		-			
SAA Approvals Pty Ltd			A A	PProvel	
This certificate is issued by SAA App accordance with the SAA Approvals Certification Scheme accredited by J ISO/IEC 17065 and RECS accredita Government legislative requirements nominated in this certificate complies above in accordance with the scheme For SAA Contact Details and to verifi	Electrical Product Safety IAS-ANZ under AS/NZS tion under the Queensland s. SAA certifies the product s with standard/s listed les herein.	JAS-		TIFIED	
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Additional Models SE100K	Trade Name SolarEdge Technolo	gies Ltd.	Rated power 100000V	e Range 680-830Vdc .25A 0Vac, 50/60Hz Rated current 145A, A p.f 0.8 to 0.8 e Range: -40 to +60°C	
SE82.8K	SolarEdge Technolo	gies Ltd.	PV Input Ratings: 830Vdc Max Operating Voltage Range 680-830Vdc 3x40A IscPV: 3x40A		
			Grid Output Ratings: 220/380Vac or 230/400Vac, 50/60Hz Rated current 120A, Rated power 82800VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +60°C Protective Class: I OVC: PPV II, Grid III Topology: non-isolated IP65		
SE66.6K	SolarEdge Technolo	gies Ltd.	Rated power 66600VA	e Range 680-830Vdc .25A 0Vac, 50/60Hz Rated current 96.5A, .p.f 0.8 to 0.8 e Range: -40 to +60°C	
R. A. NUL					
For and on Behalf of					
SAA Approvals Pty Lt	td			A Approva	
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A P P R O V A L S[®]

Certificate of Suitability

Additional Models SE50K Trade Name SolarEdge Technologies Ltd.

Rating/Marking

PV Input Ratings: 830Vdc Max Operating Voltage Range 680-830Vdc 2x36.25A IscPV: 2x36.25A Grid Output Ratings: 220/380Vac or 230/400Vac, 50/60Hz Rated current 72.5A, Rated power 50000VA p.f 0.8 to 0.8 Operating Temperature Range: -40 to +60°C Protective Class: I OVC: PPV II, Grid III Topology: non-isolated IP65

For and on Behalf of SAA Approvals Pty Ltd

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