



A P P R O V A L S ®

Certificate of Suitability

Certificate No.: SAA212171

Certificate Holder:

Shenzhen Growatt New Energy Co., Ltd.
4-13/F, Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District,
Shenzhen,
P.R. China

Regulatory Definition:

Non-Declared

Product Description:

PV Grid Inverter

Trade Name/s:

GROWATT

Model No.:

MAX 133KTL3-X LV

Rating/Marking/s:

PV Input: 1100Vdc Max

PV Voltage Range: 180-1000Vdc

Current: 32A x10; Isc PV: 40A x10

Output: 230/400Vac 50/60Hz 133kW 0.8 to 0.8p.f.

Rated Apparent Power: 133kVA

Rated Output Current: 192A

Protective Class I

Over Voltage Category: PV II, AC: III, Others: I

Topology: Non-isolated; Ingress Protection: IP66

Operating Temperature Range: -30 to +60°C

Software Version: TN1.0; Hardware Version: V1.0

Standard/s:

AS/NZS 4777.2:2020

IEC 62109-1 Ed 1.0

IEC 62109-2 Ed 1.0

Condition/s:

Nil

Approval Marks:

SAA212171

Initial Issue Date:

20 October 2021

Expiry Date:

20 October 2026

R.A. Hill

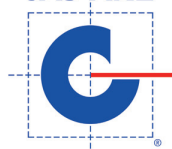
For and on Behalf of
SAA Approvals Pty Ltd

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. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the scheme herein.

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Issued: 20-10-21 212171
Page 1 of 4



A P P R O V A L S ®

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Additional Models	Trade Name	Rating/Marking
MAX 80KTL3-X LV	GROWATT	PV Input: 1100Vdc Max PV Voltage Range: 180-1000Vdc Current: 32A x7 Isc PV: 40A x7 Output: 230/400Vac 50/60Hz 80kW 0.8 to 0.8p.f. Rated Apparent Power: 80kVA Rated Output Current: 115.5A Protective Class I Over Voltage Category: PV II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP66 Operating Temperature Range: -30 to +60°C Software Version: TN1.0 Hardware Version: V1.0
MAX 100KTL3-X LV	GROWATT	PV Input: 1100Vdc Max PV Voltage Range: 180-1000Vdc Current: 32A x10 Isc PV: 40A x10 Output: 230/400Vac 50/60Hz 100kW 0.8 to 0.8p.f. Rated Apparent Power: 100kVA Rated Output Current: 144.3A Protective Class I Over Voltage Category: PV II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP66 Operating Temperature Range: -30 to +60°C Software Version: TN1.0 Hardware Version: V1.0

R.A. Hill

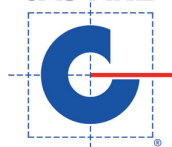
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Additional Models	Trade Name	Rating/Marking
MAX 110KTL3-X LV	GROWATT	PV Input: 1100Vdc Max PV Voltage Range: 180-1000Vdc Current: 32A x10 Isc PV: 40A x10 Output: 230/400Vac 50/60Hz 110kW 0.8 to 0.8p.f. Rated Apparent Power: 110kVA Rated Output Current: 158.8A Protective Class I Over Voltage Category: PV II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP66 Operating Temperature Range: -30 to +60°C Software Version: TN1.0 Hardware Version: V1.0
MAX 120KTL3-X LV	GROWATT	PV Input: 1100Vdc Max PV Voltage Range: 180-1000Vdc Current: 32A x10 Isc PV: 40A x10 Output: 230/400Vac 50/60Hz 120kW 0.8 to 0.8p.f. Rated Apparent Power: 120kVA Rated Output Current: 173.2A Protective Class I Over Voltage Category: PV II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP66 Operating Temperature Range: -30 to +60°C Software Version: TN1.0 Hardware Version: V1.0

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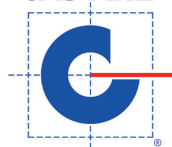
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Additional Models	Trade Name	Rating/Marking
MAX 125KTL3-X LV	GROWATT	PV Input: 1100Vdc Max PV Voltage Range: 180-1000Vdc Current: 32A x10 Isc PV: 40A x10 Output: 230/400Vac 50/60Hz 125kW 0.8 to 0.8p.f. Rated Apparent Power: 125kVA Rated Output Current: 180.4A Protective Class I Over Voltage Category: PV II, AC: III, Others: I Topology: Non-isolated Ingress Protection: IP66 Operating Temperature Range: -30 to +60°C Software Version: TN1.0 Hardware Version: V1.0

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Issued: 20-10-21 212171
Page 4 of 4