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21 June 2018

CB-certificate(s) SE-91142

We have the pleasure to enclose the requested CB-certificate(s) and the pertaining Test Report.

Yours sincerely

Intertek Semko AB
Product Certification

Enclosure CB certificate(s)





Ref. Certif. No.

SE-91142

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

PV Grid inverter

Name and address of the applicant

Shenzhen Growatt New Energy Technology CO., Ltd
1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District, Shenzhen, P. R. China

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Note: When more than one factory, please report on page 2

Same as applicant

Ratings and principal characteristics

See page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV,
MAX 80KTL3 LV, MAX 60KTL3 MV, MAX 70KTL3 MV,
MAX 80KTL3 MV

Additional information (if necessary may also be reported on page 2)

See page 2

A sample of the product was tested and found to be in conformity with

IEC 61727:2004
IEC 62116:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

180108041GZU-001
180108041GZU-002

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 21 June 2018

intertek

Signature:

Bo Berglöf

Ratings and principal characteristics

Maximum d.c. input voltage: 1100 Vdc

Input voltage range: 200-1000 Vdc

MPPT voltage range (full Load): 500-850 V (for MAX 50KTL3 LV); 520-850 V (for MAX 60KTL3 LV, MAX 60KTL3 MV); 600-850 V (for MAX 70KTL3 LV, MAX 70KTL3 MV); 685-850 V (for MAX 80KTL3 LV, MAX 80KTL3 MV);

Max. input current: 6×25A

PV Isc: 6×32A

Nominal output voltage: 3W/N/PE 230V/400Vac (for MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV); 3W/N/ PE or 3W/PE 277/480Vac (for MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV);

Max. output current: 3×80.5 A (for MAX 50KTL3 LV); 3×96.6A (for MAX 60KTL3 LV); 3×112.7 A (for MAX 70KTL3 LV); 3×128.8A (for MAX 80KTL3 LV); 3×80.2 A (for MAX 60KTL3 MV); 3×93.6 A (for MAX 70KTL3 MV); 3×107.0A (for MAX 80KTL3 MV)

Nominal frequency: 50 Hz

Max. output power: 55500VA (for MAX 50KTL3 LV); 66600VA (for MAX 60KTL3 LV, MAX 60KTL3 MV); 77700VA (for MAX 70KTL3 LV, MAX 70KTL3 MV); 88800VA (for MAX 80KTL3 LV, MAX 80KTL3 MV);

Ingress protection: IP65

Operating temperature range: -25~+60°C

Software Version: T11.0

Additional information (if necessary)

Difference of the models:

The models MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV, MAX 60KTL3 MV, MAX 70KTL3 MV and MAX 80KTL3 MV are identical to the construction, hardware and software, except model name, rating and the output power is limited by software.

The output voltage of models MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV are 3W/N/PE 230V/400V

The output voltage of models MAX 60KTL3 MV, MAX 70KTL3 MV and MAX 80KTL3 MV are 3W/N/PE or 3W/PE 277V/480V

Date: 21 June 2018

Signature: 