



**BUREAU
VERITAS**

Certificate of compliance

Applicant: **Ginlong Technologies Co., Ltd.**
No.57 Jintong Road, Binhai Industrial Park, Xiangshan, 315712 Ningbo, Zhejiang,
PEOPLE'S REPUBLIC OF CHINA

Product: **Photovoltaic (PV) inverter**

Model: **S5-GC50K-LV**

Use in accordance with regulations:

The inverter(s) is/are tested according the IEC 61683:1999, EN 61683:2000, DIN EN 61683:2000 procedure for measuring efficiency.

Applied rules and standards:

IEC 61683:1999, EN 61683:2000, DIN EN 61683:2000

Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

At the time of issue of this certificate, the representative product listed above corresponds to the stated rules and standards.

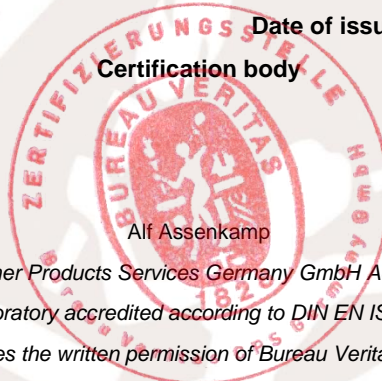
Report number: **CCCV-ESH-P23051644**

Certification program: **NSOP-0032-DEU-ZE-V01**

Certificate number: **U23-0497**

Date of issue: **2023-06-19**

Certification body



Certification body of Bureau Veritas Consumer Products Services Germany GmbH Accredited according to DIN EN ISO/IEC 17065

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written permission of Bureau Veritas Consumer Products Services Germany GmbH

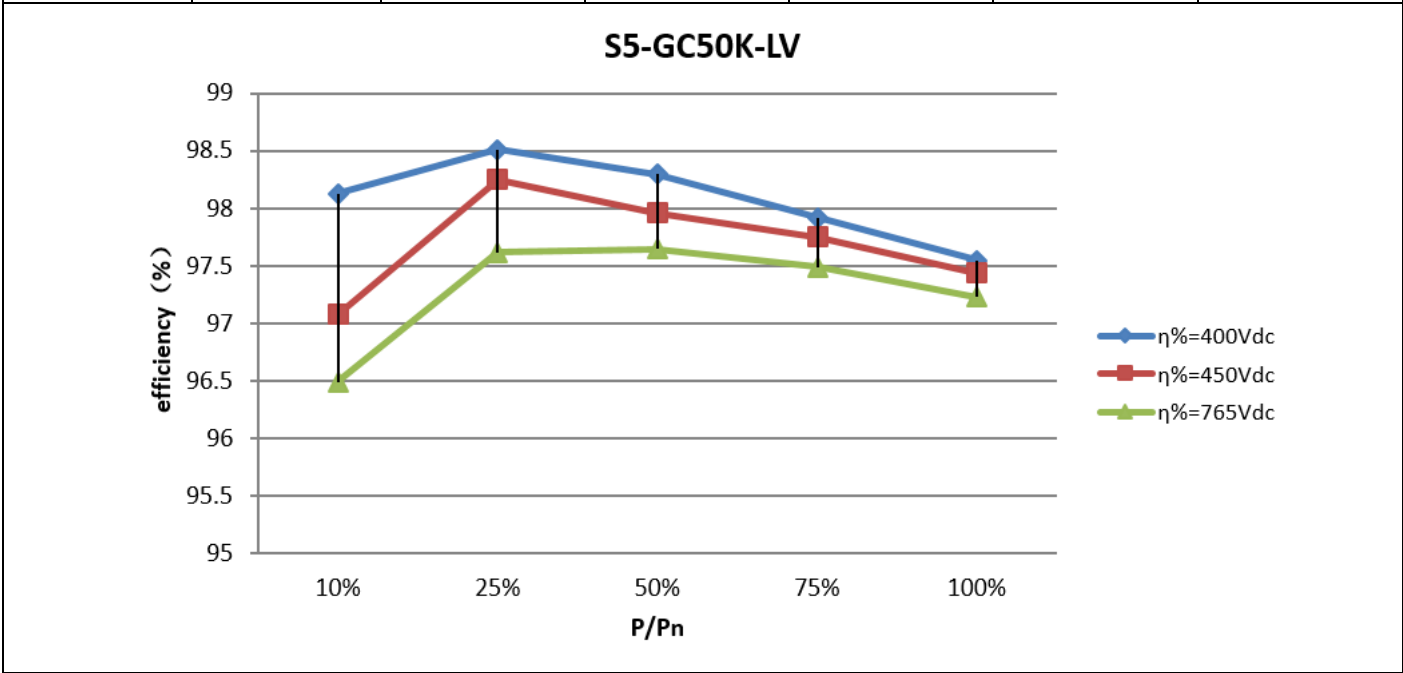


Annex to the IEC 61683 certificate of compliance No. U23-0497

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Appendix
 Extract from test report according the IEC 61683 Nr. CCCV-ESH-P23051644

Efficiency measurement conditions test results						
S5-GC50K-LV		Temperature 25°C				
Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		5000	12500	25000	37500	50000
		η in [%]				
V _{min}	400	98,13	98,51	98,30	97,92	97,55
V _{nominal}	450	97,08	98,25	97,96	97,75	97,44
V _{max (90% MPPT)}	765	96,49	97,62	97,65	97,49	97,23



Note:
 Internal power consumption via auxiliary input in standby : 0,5W (Input: 0V, 0A; Output: 220V, 2,17mA)
 Internal power consumption via auxiliary input at maximum output power : 1,4W