



**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: **S6-GC3P15K03-LV-ND,
S6-GC3P20K03-LV-ND,
S6-GC3P40K03-HV-ND**

Use in accordance with regulations:

The inverter(s) is/are tested according to 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-P24060202**

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

Certificate number: **U24-0572**

Date of issue: **2024-07-01**

Certification body

Domenik Koll
Head of Energy Systems

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





Appendix

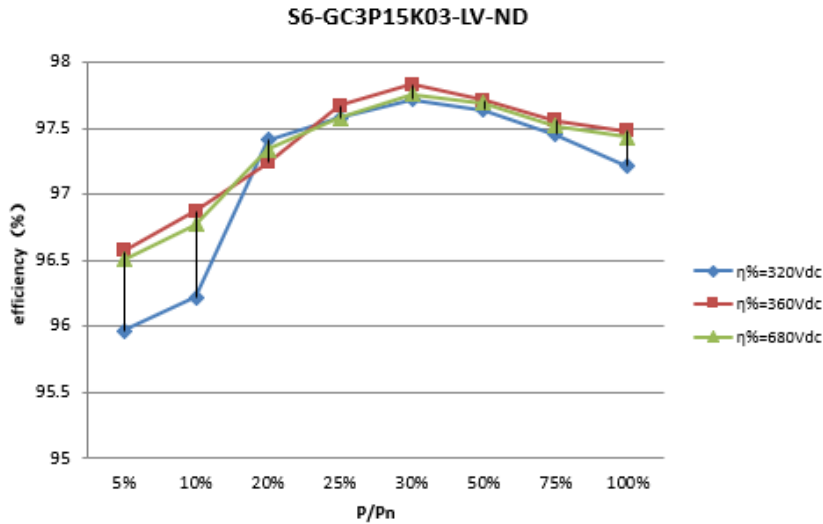
Extract from test report according the IEC 61683

No. CCCV-ESH-P24060202

Efficiency measurement conditions test results

S6-GC3P15K03-LV-ND

Input voltage [Vdc]		Power in [W] (nom. 15000W)							
		5%	10%	20%	25%	30%	50%	75%	100%
		750	1500	3000	3750	4500	7500	11250	15000
		η in [%]							
V _{min}	320	95,97	96,22	97,41	97,58	97,72	97,64	97,45	97,21
V _{nominal}	360	96,57	96,87	97,24	97,67	97,83	97,71	97,56	97,48
V _{max (90% MPPT)}	680	96,51	96,77	97,34	97,58	97,76	97,69	97,52	97,43



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



Appendix

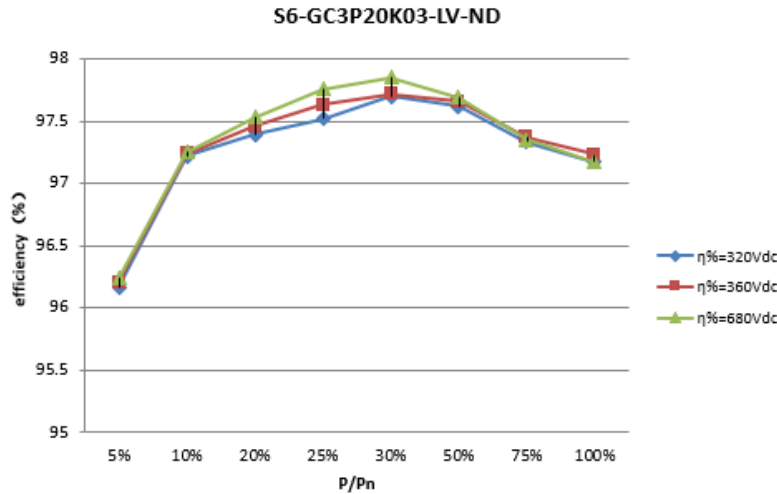
Extract from test report according the IEC 61683

No. CCCV-ESH-P24060202

Efficiency measurement conditions test results

S6-GC3P20K03-LV-ND

Input voltage [Vdc]		Power in [W] (nom. 20000W)							
		5%	10%	20%	25%	30%	50%	75%	100%
		1000	2000	4000	5000	6000	10000	15000	20000
		η in [%]							
V _{min}	320	96,17	97,22	97,39	97,52	97,70	97,62	97,33	97,17
V _{nominal}	360	96,21	97,24	97,46	97,63	97,72	97,66	97,37	97,23
V _{max (90% MPPT)}	680	96,24	97,25	97,53	97,76	97,85	97,69	97,35	97,17



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



Appendix

Extract from test report according the IEC 61683

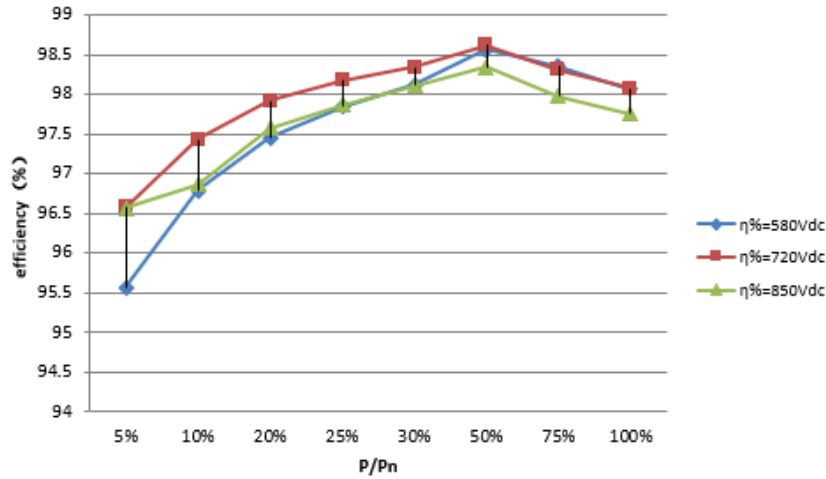
No. CCCV-ESH-P24060202

Efficiency measurement conditions test results

S6-GC3P40K03-HV-ND

Input voltage [Vdc]		Power in [W] (nom. 40000W)							
		5%	10%	20%	25%	30%	50%	75%	100%
		2000	4000	8000	10000	12000	20000	30000	40000
		η in [%]							
V_{min}	580	95,57	96,79	97,45	97,84	98,12	98,56	98,35	98,06
$V_{nominal}$	720	96,58	97,43	97,92	98,17	98,34	98,62	98,31	98,08
V_{max} (90% MPPT)	850	96,57	96,87	97,58	97,86	98,11	98,34	97,98	97,75

S6-GC3P40K03-LV-ND



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