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# 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-GR1P7K03-NV-ND, S6-GR1P8K03-NV-ND, S6-GR1P9K03-NV-ND, S6-GR1P10K03-NV-ND**

## 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-P24060201** **Certification program:** **NSOP-0032-DEU-ZE-V01**  
**Certificate number:** **U24-0660** **Date of issue:** **2024-07-23**

## 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*

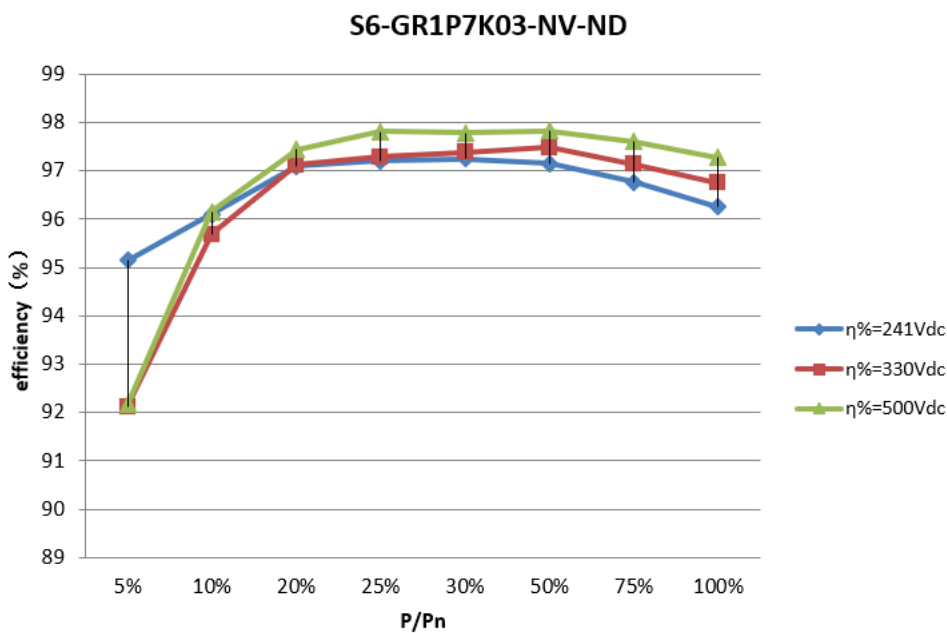


**Appendix**  
 Extract from test report according the IEC 61683 Nr. CCCV-ESH-P24060201

**Efficiency measurement conditions test results**

<b>Model:</b> S6-GR1P7K03-NV-ND	Temperature 25° C
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Input voltage (Vdc)		Power Level							
		5%	10%	20%	25%	30%	50%	75%	100%
		350	700	1400	1750	2100	3500	5250	7000
V <sub>min</sub>	241	95,15	96,10	97,10	97,21	97,25	97,15	96,76	96,25
V <sub>nominal</sub>	330	92,13	95,69	97,12	97,28	97,39	97,48	97,13	96,75
V <sub>max(90%MPPT)</sub>	500	92,17	96,15	97,44	97,81	97,78	97,83	97,61	97,27



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



Annex to the IEC 61683 certificate of compliance No. U24-0660

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Appendix

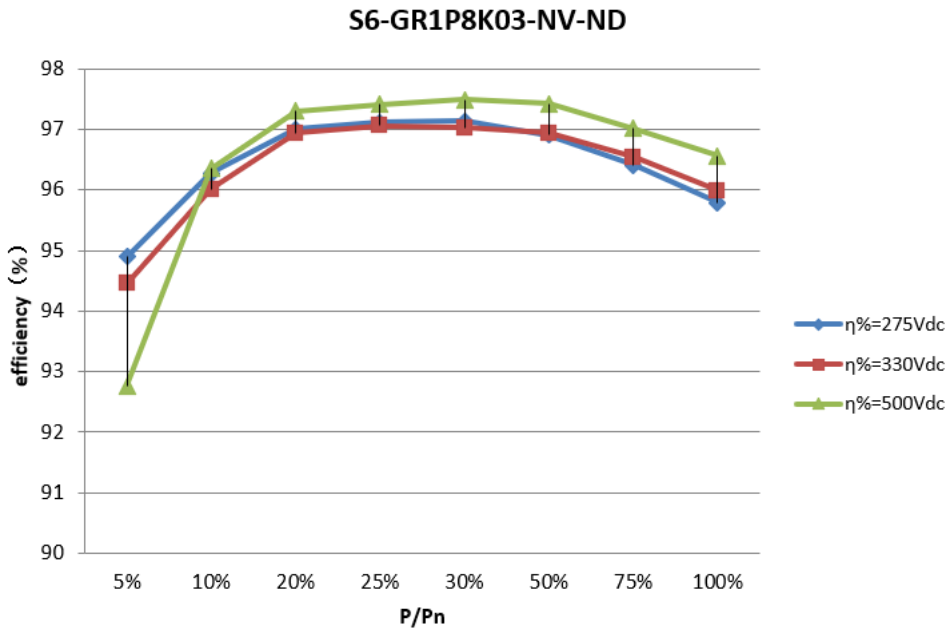
Extract from test report according the IEC 61683

Nr. CCCV-ESH-P24060201

Efficiency measurement conditions test results

Model: S6-GR1P8K03-NV-ND Temperature 25° C

Input voltage (Vdc)		Power Level							
		5%	10%	20%	25%	30%	50%	75%	100%
		400	800	1600	2000	2400	4000	6000	8000
V <sub>min</sub>	275	94,90	96,28	97,00	97,12	97,14	96,91	96,41	95,79
V <sub>nominal</sub>	330	94,45	96,01	96,94	97,06	97,03	96,94	96,54	95,99
V <sub>max(90%MPPT)</sub>	500	92,76	96,35	97,30	97,41	97,49	97,42	97,02	96,56



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

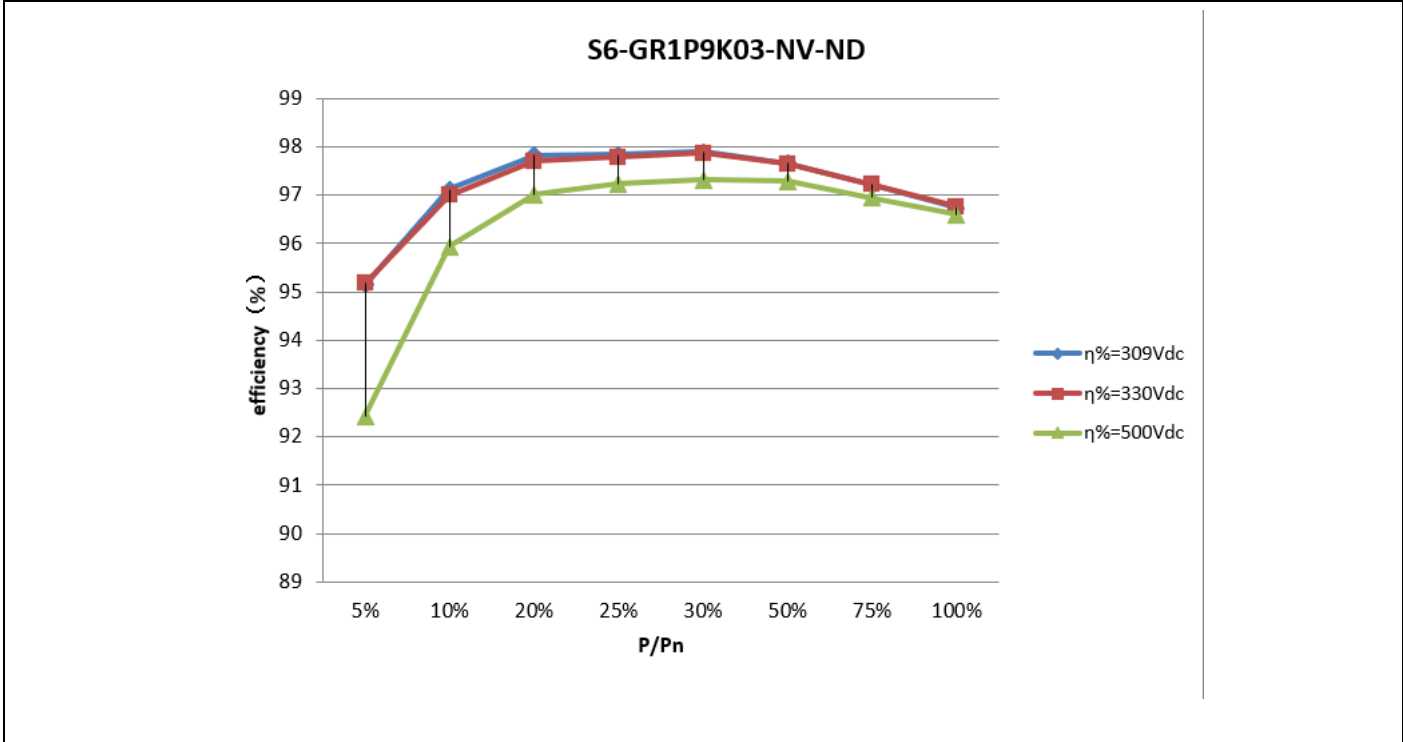


**Appendix**  
 Extract from test report according the IEC 61683 Nr. CCCV-ESH-P24060201

**Efficiency measurement conditions test results**

**Model:** S6-GR1P9K03-NV-ND Temperature 25° C

Input voltage (Vdc)		Power Level							
		5%	10%	20%	25%	30%	50%	75%	100%
$V_{min}$	309	95,15	97,12	97,82	97,84	97,89	97,66	97,2	96,73
$V_{nominal}$	330	95,18	96,99	97,7	97,78	97,86	97,64	97,22	96,76
$V_{max(90\%MPPT)}$	500	92,43	95,93	97,01	97,23	97,31	97,29	96,94	96,59



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



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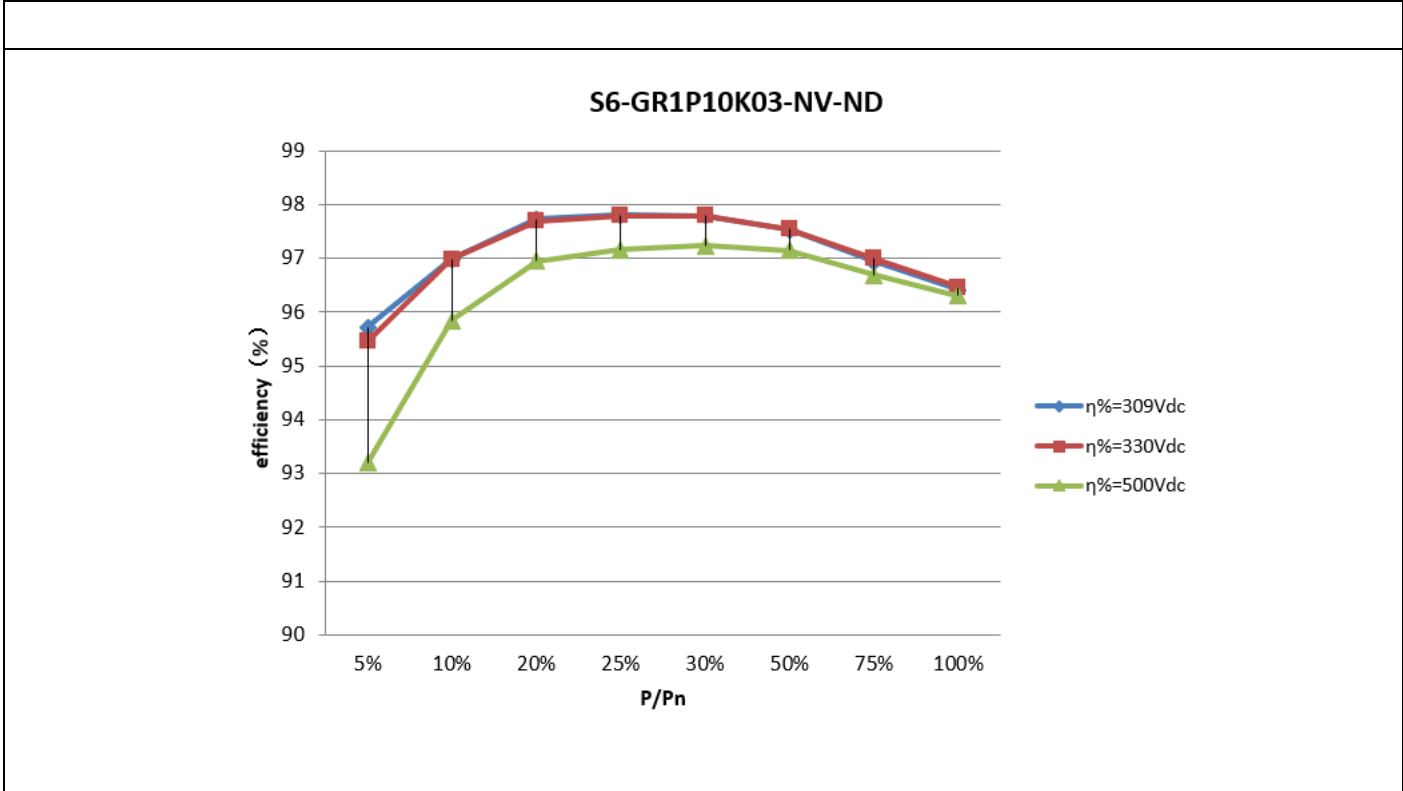
**Appendix**

Extract from test report according the IEC 61683 Nr. CCCV-ESH-P24060201

**Efficiency measurement conditions test results**

<b>Model:</b> <b>S6-GC3P40K03-HV-ND</b>	Temperature 25° C
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Input voltage (Vdc)		Power Level							
		5%	10%	20%	25%	30%	50%	75%	100%
$V_{min}$	309	95,72	96,99	97,73	97,8	97,79	97,53	96,94	96,42
$V_{nominal}$	330	95,46	96,98	97,69	97,79	97,79	97,54	97,00	96,47
$V_{max(90\%MPPT)}$	500	93,20	95,84	96,95	97,16	97,24	97,15	96,69	96,30



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