



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) and battery inverter**

Model: **S6-EH1P3K-L-EU**
S6-EH1P3.6K-L-EU
S6-EH1P4.6K-L-EU

Use in accordance with regulations:

The inverter(s) is/are tested according to 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-P22110726-2-R1** **Certification program:** **NSOP-0032-DEU-ZE-V01**

Certificate number: **U23-0725** **Date of issue:** **2023-08-25**

Certification body

Alf Assenkamp

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. U23-0725

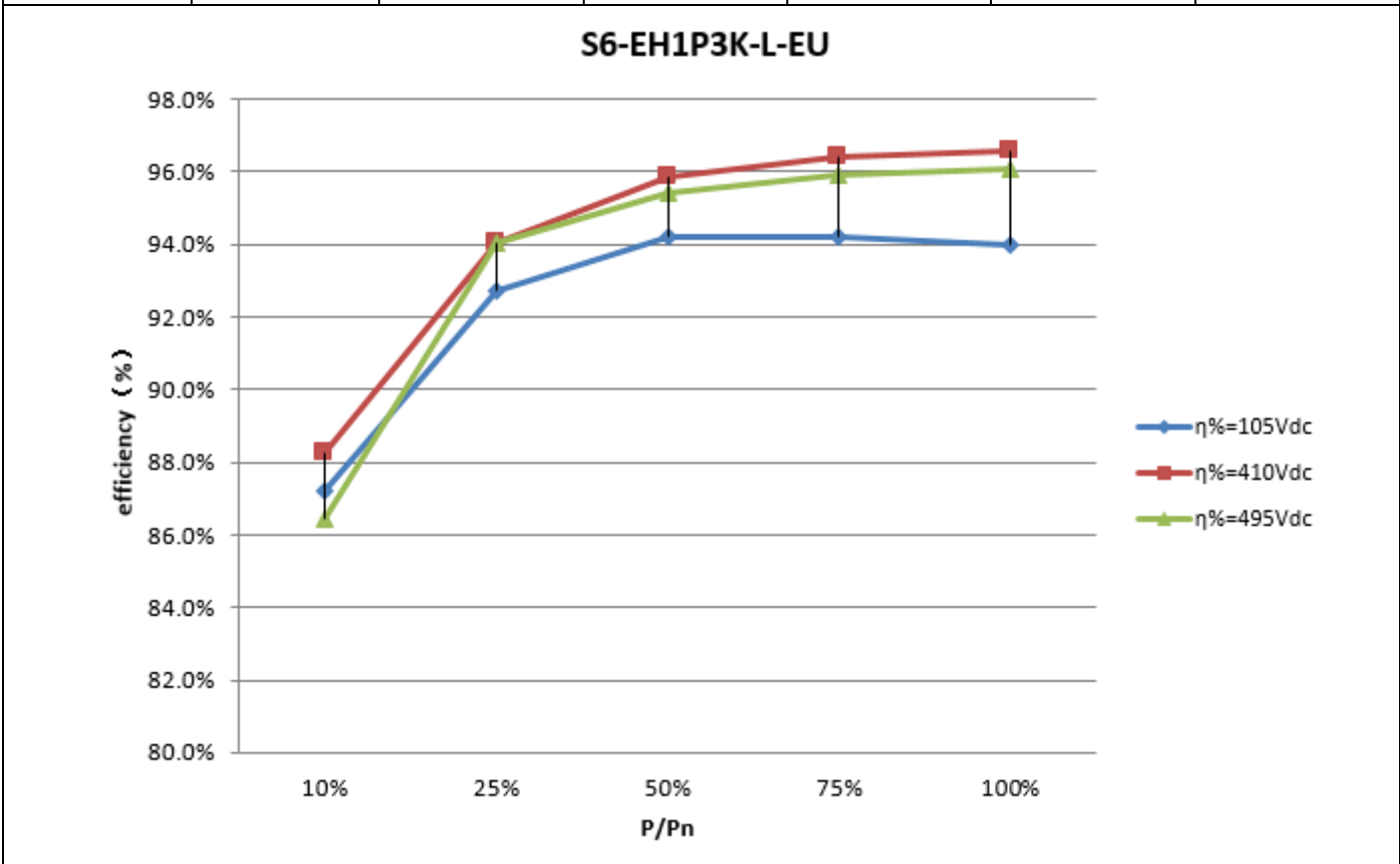
BUREAU VERITAS

Appendix

Extract from test report according the IEC 61683 Nr. CCCV-ESH-P22110726-2-R1

Efficiency measurement conditions test results

S6-EH1P3K-L-EU						
Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		0,3kW	0,75kW	1,5kW	2,25kW	3,0kW
		η in [%]				
V _{min}	105	87,18%	92,73%	94,18%	94,21%	94,00%
V _{nominal}	410	89,41%	94,51%	96,33%	96,71%	96,81%
V _{max (90% MPPT)}	495	86,42%	94,02%	95,42%	95,93%	96,07%



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

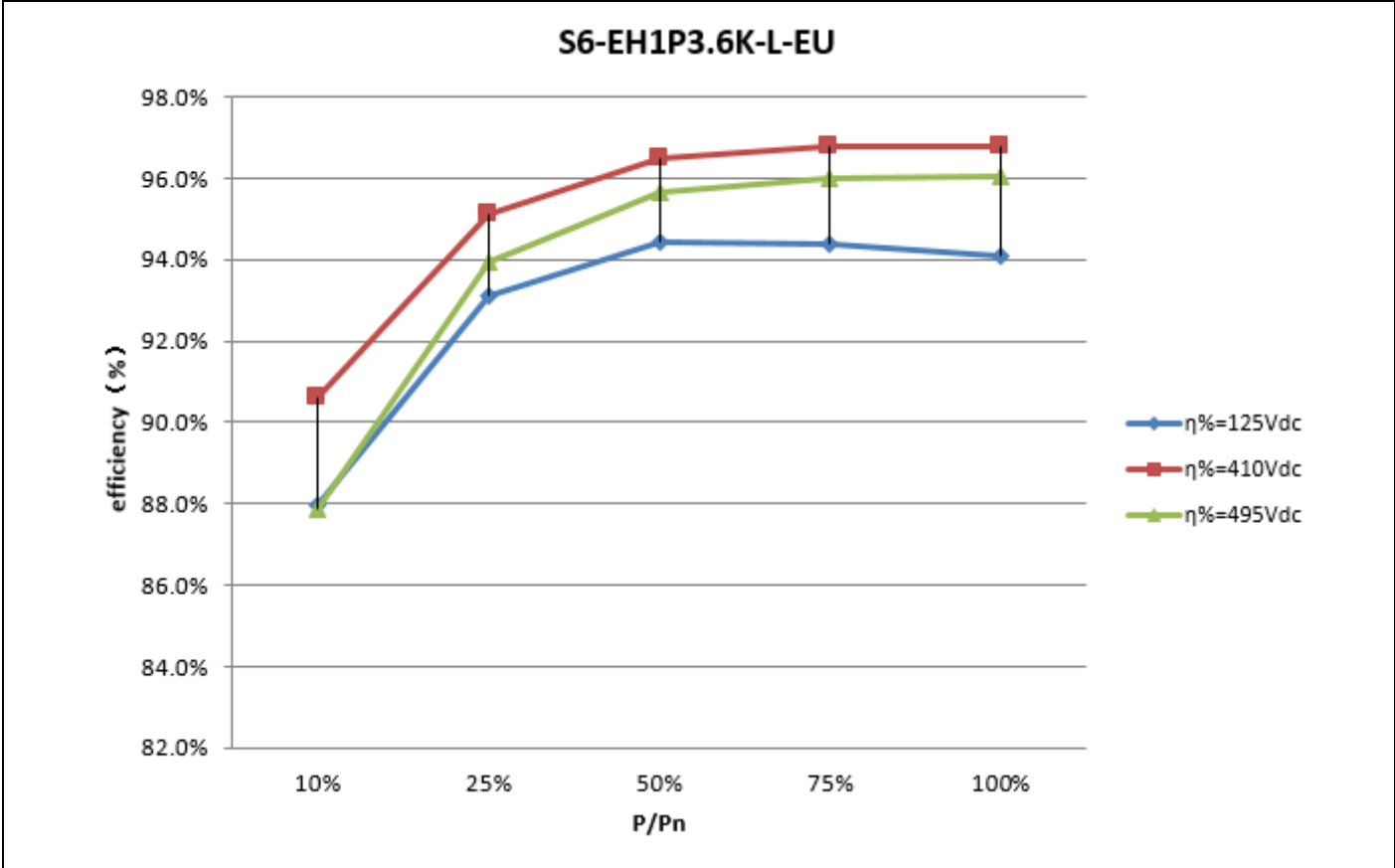


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BUREAU VERITAS

Appendix
 Extract from test report according the IEC 61683 Nr. CCCV-ESH-P22110726-2-R1

Efficiency measurement conditions test results						
S6-EH1P3.6K-L-EU						
Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		0,36kW	0,9kW	1,8kW	2,7kW	3,6kW
		η in [%]				
V _{min}	125	87,96%	93,09%	94,41%	94,36%	94,07%
V _{nominal}	410	90,59%	95,13%	96,51%	96,78%	96,77%
V _{max (90% MPPT)}	495	87,88%	93,94%	95,63%	96,01%	96,06%



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



Appendix

Extract from test report according the IEC 61683

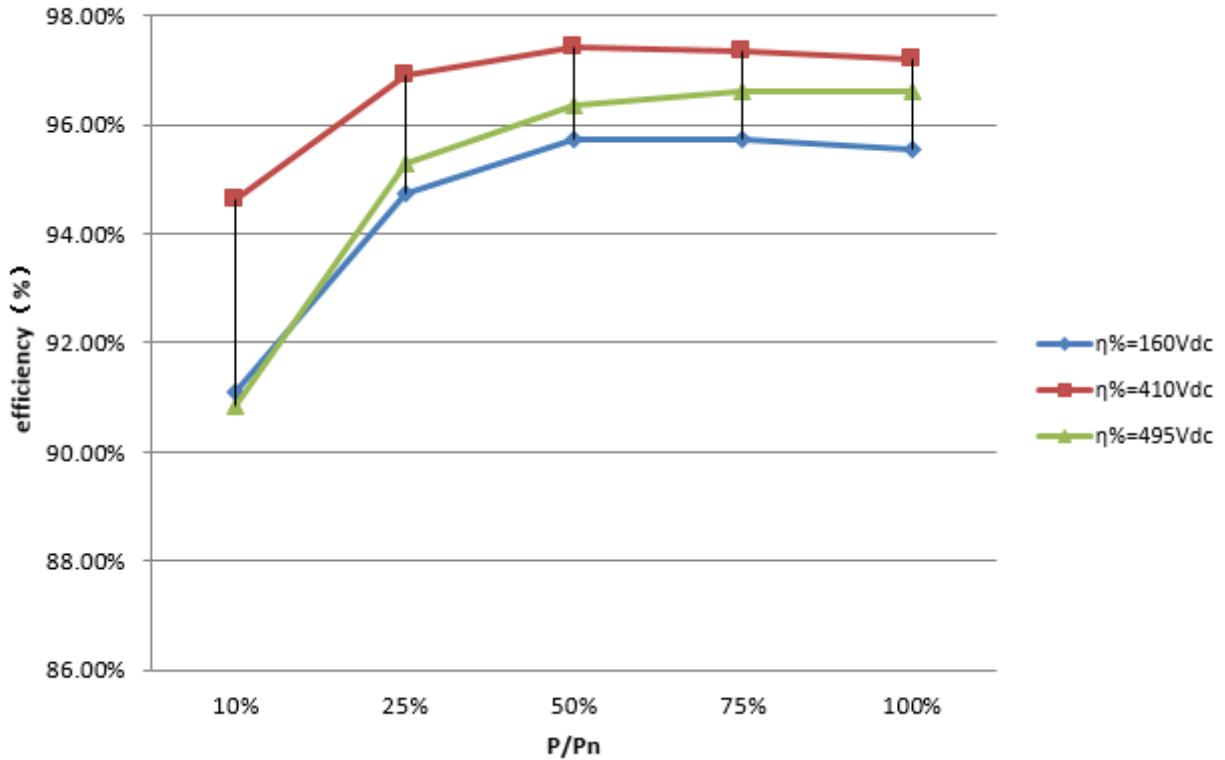
Nr. CCCV-ESH-P22110726-2-R1

Efficiency measurement conditions test results

S6-EH1P4.6K-L-EU

Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		0,46kW	1,15kW	2,3kW	3,45kW	4,6kW
		η in [%]				
V_{min}	160	91,09%	94,75%	95,74%	95,73%	95,55%
$V_{nominal}$	410	94,62%	96,89%	97,40%	97,33%	97,20%
V_{max} (90% MPPT)	495	90,85%	95,30%	96,35%	96,59%	96,59%

S6-EH1P4.6K-L-EU



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