



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-EH1P5K-L-EU**
S6-EH1P6K-L-EU
S6-EH1P6K-L

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-P22110724-2-R1** **Certification program:** **NSOP-0032-DEU-ZE-V01**

Certificate number: **U23-0724** **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. U23-0724

BUREAU VERITAS

Appendix

Extract from test report according the IEC 61683

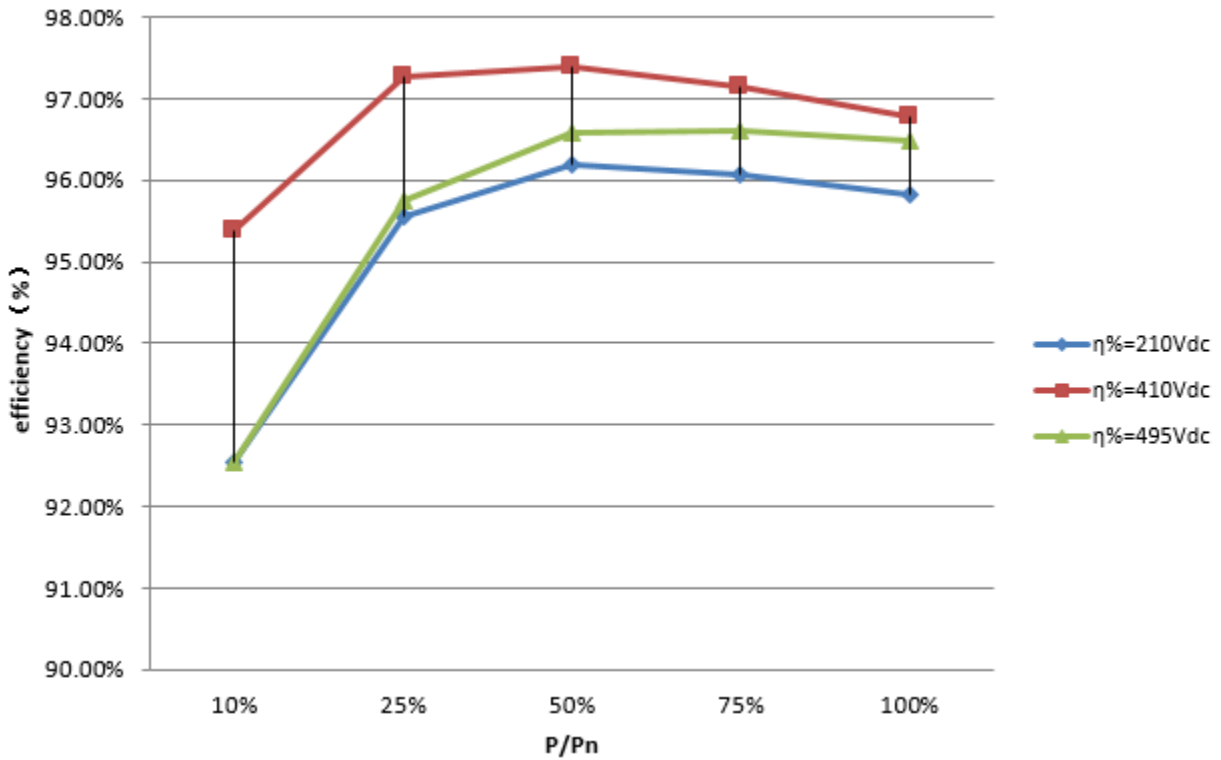
Nr. Fehler! Verweisquelle konnte nicht gefunden werden.

Efficiency measurement conditions test results

S6-EH1P6K-L-EU

Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		0,6kW	1,5kW	3,0kW	4,5kW	6,0kW
		η in [%]				
V _{min}	210	92,55%	95,55%	96,19%	96,07%	95,83%
V _{nominal}	410	95,39%	97,26%	97,38%	97,15%	96,79%
V _{max (90% MPPT)}	495	92,55%	95,76%	96,57%	96,61%	96,48%

S6-EH1P6K-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

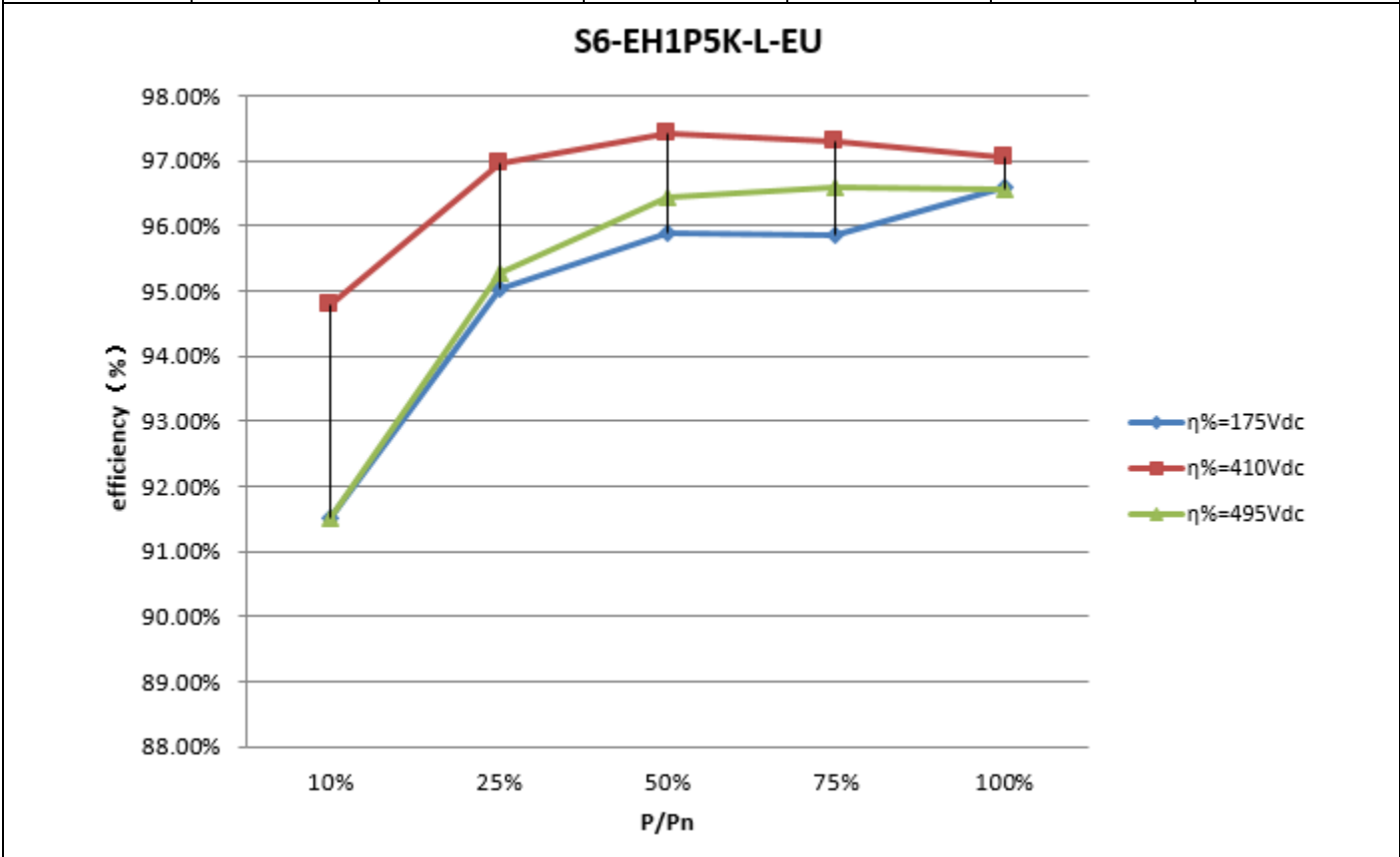


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 Extract from test report according the IEC 61683 Nr. Fehler! Verweisquelle konnte nicht gefunden werden.

Efficiency measurement conditions test results						
S6-EH1P5K-L-EU						
Input voltage [Vdc]		Power Level				
		10%	25%	50%	75%	100%
		0,5kW	1,25kW	3,0kW	4,5kW	6,0kW
		η in [%]				
V _{min}	175	91,52%	95,02%	95,88%	95,85%	96,60%
V _{nominal}	410	94,80%	96,97%	97,41%	97,30%	97,06%
V _{max (90% MPPT)}	495	91,51%	95,29%	96,43%	96,61%	96,56%



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