

Certificate of Conformity

Certificate Number: CN-PVES-260223

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	TommaTech GmbH Zeppelinstr. 14 85748 Garching b.München, Germany
Product:	Energy storage system
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	Hera PCS 100K, Hera PCS 125K, Hera PCS 100K+Hera MPPT 200K, Hera PCS 125K+Hera MPPT 200K, Hera PCS 100K+Hera STS 500K, Hera PCS 125K+Hera STS 500K, Hera PCS 100K+Hera MPPT 200K+Hera STS 500K, Hera PCS 125K+Hera MPPT 200K+Hera STS 500K
Brand Name<s>:	 GERMAN-based company
Product Complies with:	IEC 61727:2004 IEC 62116:2014 IEC 60068-2-1: 2007 IEC 60068-2-2: 2007 IEC 60068-2-14:2009 IEC60068-2-30: 2005 IEC 61683:1999
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	260200032SHA-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao
Date: 11 June 2026



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260223

PCS Model	Hera PCS 100K	Hera PCS 125K
Battery Data		
Battery Type	Lithium-ion	
Battery Voltage Range(V)	630-1000	
Max. Charging Current(A)	175	200
Max. Discharging Current(A)	175	200
Number of Battery Input	1	
AC Input/Output Data		
Rated AC Input/Output Active Power(W)	100000	125000
Max. AC Input/Output Apparent Power(VA)	110000	125000
Rated AC Input/Output Current(A)	145	181.2
Max. AC Input/Output Current(A)	159.5	181.2
Rated Input/Output Voltage(V)	230/400V	
Grid Connection Form	3L+N+PE	
Rated Input/Output Grid Frequency(HZ)	50HZ,60HZ	
Power Factor Adjustment Range	-1 to +1	
General Parameters		
Operating Temperature Range	-40°C to +60°C, >45°C Derating	
Permissible Altitude	4000m	
Ingress Protection(IP) Rating	IP 65	
Inverter Topology	Non-Isolated	
Over Voltage Category	OVC II(DC), OVC III(AC)	
Cabinet size(W*H*D) [mm]	543W×310H×775D (Excluding connectors and brackets)	

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MPPT Model	Hera MPPT 200K
PV String Input Data	
Max. PV Input Power(kW)	200
Max. PV Input Voltage(V)	800
Start-up Voltage(V)	200
MPPT voltage range(V)	180-750
Full Load MPPT Voltage Range(V)	450-750
Rated PV Input voltage(V)	600
Max. Input Short Circuit Current (A)	60+60+60+60+60+60+60+60
Max. Operating PV Input Current(A)	40+40+40+40+40+40+40+40
No. of MPP Trackers	8
Equipment Protection	
DC input reverse protection	YES
DC Switch	YES
Surge Protection Level	TYPE II
General Parameters	
Operating Temperature Range	-40°C to 60°C
Permissible Altitude	4000m
Ingress Protection(IP) Rating	IP65
Over Voltage Category	OVC II
Cabinet size(W*H*D) [mm]	543×198×700
Weight [kg]	41.75

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STS Module	Hera STS 500K
Grid/PCS Side Data	
Rated AC Input/Output Active Power(kW)	500
Rated AC Input/Output Current(A)	725
Rated Input/Output Voltage(V)	230/400
Grid Connection Form	3L/N/PE
Rated Input/Output Grid Frequency	50Hz/60Hz
Load Side Data	
Rated Output Active Power(kW)	500
Rated Output Current(A)	725
Rated Output Voltage(V)	230/400
Grid Connection Form	3L/N/PE
Rated Output Grid Frequency	50Hz/60Hz
GEN Side Data	
Rated AC Input Active Power(kW)	500
Rated AC Input Current(A)	725
Rated Input Voltage(V)	230/400
Grid Connection Form	3L/N/PE
Rated Input Grid Frequency	50Hz/60Hz
General Data	
Off grid switching time	< 10ms
Operating Temperature Range	-25°C to 60°C
Permissible Ambient Humidity	0-95%
Permissible Altitude	4000m
Ingress Protection(IP) Rating	IP20
Over Voltage category	OVC III
Cabinet size (W*H*D) [mm]	543×575×671
Weight[kg]	108

Product Model:	Hera PCS 100K/Hera PCS 125K	Hera PCS 100K/Hera PCS 125K+Hera MPPT 200K	Hera PCS 100K/Hera PCS 125K+Hera STS 500K	Hera PCS 100K/Hera PCS 125K+Hera MPPT 200K+Hera STS 500K
Firmware:	6011-1108	6011-1108-M	6011-1108-S	6011-1108-MS

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