

Certificate of Conformity

Certificate Number: CN-PVES-240480

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:	Tesla Inc. 3500 Deer Creek Road, Palo Alto, California, 94304
Product:	BATTERY ENERGY STORAGE SYSTEM (BESS) & PHOTOVOLTAIC (PV) POWER CONVERSION EQUIPMENT
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	1707000 - XX – Y (Powerwall 3)
Brand Name<s>:	
Product Complies with:	NRS 097-2-1:2024 Edition 3 GRID INTERCONNECTION OF EMBEDDED GENERATION PART 2: SMALL-SCALE EMBEDDED GENERATION SECTION 1: UTILITY INTERFACE
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>:	105722598CRT-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 23 October 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240480

Ratings & Principal Characteristics:

Remark: Below model compliance with NRS 097-2-1:2024 Edition 3

Specifications table			
Technical Datasheet		1707000-XX-Y	1707000-XX-Y
PV input	Max. input voltage	600 V	600 V
	MPP voltage range	60-550 V	60-550 V
	MPP voltage range @ nominal power	150-480 V	150-480 V
	Max. input current per MPP tracker	26 A	26 A
	Max. short-circuit current per MPP tracker	30 A	30 A
Battery input	Battery voltage range	80-89V	80-89V
	Max. charging / discharging power	-5000W / 9000W	-5000W / 11040W
	Max. charging current / Max. dis-charging current	55A/117A	55A/ 145A
	Battery type	Lithium-ion	Lithium-ion
Grid	AC voltage range / Nominal AC voltage	L/N/PE, 230 a.c.V	L/N/PE, 230 a.c.V
	Rated AC grid frequency	50 Hz	50 Hz
	Rated output power	9000W	11040 W
	Max. AC output power	9000 VA	11040 VA
	Max. grid output current(@230V)	39.1 A	48 A
Back up load	Rated output voltage	L/N/PE, 230 a.c.V	L/N/PE, 230 a.c.V
	Rated output frequency	50 Hz	50 Hz
	Max. continuous output Power	9000 VA	11040 VA
	Max. continuous output current	39.1 A	48 A
General	Enclosure Protection (IP)	IP67/IP55	IP67/IP55
	Operating Temperature Range [°C]	-20 to 50	-20 to 50
	Pollution Degree (PD)	PD 3	PD 3
	Firmware Version	8Q61ZxxB9xdsh71JLyPQEV059LNebZGpQ4SYNO6AFNk=	

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