

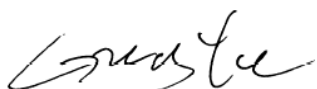
Certificate of Conformity

Certificate Number: CN-PV-200026

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:	SHENZHEN MUST ENERGY TECHNOLOGY CO., LTD A801-803 Common Building, Sogood Science Park, Sanwei Community Hangcheng Road, Xixiang Bao'an District, Shenzhen, Guangdong, China
Product:	PV GRID INVERTER
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	PH50-2500, PH50-3000, PH50-3600M, PH50-4200M, PH50-4600M, PH50-5000M, PH50-6000M
Brand Name<s>:	MUST
Tested according to:	EN 50549 - UL 1741 1:2019 Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Report No.:	191012120GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 9 April 2020

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200026.

Ratings & Principle Characteristics:

Model	PH50-2500	PH50-3000	PH50-3600M	PH50-4200M	PH50-4600M	PH50-5000M	PH50-6000M
DC MAX Voltage (V)	550						
MPPT voltage range (V)	80-550						
DC MAX Current (A)	11		11/11				
AC nominal voltage (V)	230						
Grid frequency (Hz)	50/60						
Rated AC Power (W)	2500	3000	3600	4200	4600	5000	6000
MAX AC out apparent power (VA)	2500	3000	3600	4200	4600	5000	6000
MAX AC Current (A)	11.4	13.7	16.4	19.1	21	22.8	27.3
Power factor range	0.95c – 0.95i						
Protection degree	IP65						
Protective class	Class I						
Operation ambient temperature (°C)	-25 ~ +60						

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