

# Test Report

No.: EDG2205270239C00101R

Date: Sep. 16, 2022

- Applicant** : Shanghai Hoenergy Power Technology Co., LTD
- Address** : Building 1, 1888 Wangyuan Road, Fengxian District, Shanghai, P.R.China
- Sample Name** : Hybrid Inverter
- Style/Item No.** : iINV-HB1-3.0KL,iINV-HB1-3.6K,iINV-HB1-4.0KL,iINV-HB1-4.6KL,iINV-HB1-5.0KL,  
iINV-HB1-6.0KL
- Received Date** : Aug. 23, 2022
- Test Period** : Aug. 23, 2022 ~ Sep. 16, 2022
- Test Requested** : As requested by the client, to evaluate the compliance of the submitted sample with EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- Test Method** : 1. Review was performed for the sample and the related Bill of Materials submitted by the Applicant.  
2. a) Refer to the standard IEC 62321-3-1:2013: Screening by XRF Spectroscopy.  
b) Wet chemical test  
1) Refer to IEC 62321-5:2013, determine the Cadmium, Lead content by ICP-OES.  
2) Refer to IEC 62321-4:2013+A1:2017, determine the Mercury content by ICP-OES;  
3) Refer to IEC 62321-7-1:2015 & IEC 62321-7-2:2017, determine the Hexavalent Chromium content by UV-VIS.  
4) Refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls and Polybrominated Diphenyl Ethers by GC-MS.  
5) Refer to IEC 62321-8:2017, determine the Dibutyl phthalate(DBP), Benzylbutyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) and Diisobutyl phthalate(DIBP) by GC-MS.
- Test Results** : Please refer to next page (s).

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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## Conclusion:

Basing on the test results obtained from the homogenous materials, the submitted sample **COMPLIES** with the EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863.



Signed for and on behalf of  
EMTEK(Dongguan) Co., Ltd.

Prepared by:



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Approved by:



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Authorized signatory  
Sep. 16, 2022

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