



TC-5389

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)

ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.

EPABX : +91 (0265) 2642942, 2642964, 2642377, 3043128 / 29 / 30 / 31 / 33

Fax : +91 (0265) 2638382

E-mail : erda@erda.org

Web : http://www.erda.org



RP-2425-010029

TEST REPORT

ULR-TC538924000016079F

SHEET 01 OF 06

| | | | | | | | | | |
|---|---|-------------------------|--------------|--------|------------|-------------------------------|------------------------|------------|--------------------------|
| NAME AND ADDRESS OF CUSTOMER HELIOS POWER C/1/900/2/A MAKARPURA GIDC, VADODARA-390 010, GUJARAT. MANUFACTURED BY: HELIOS POWER | TEST REPORT NO.: RP-2425-010029 DATE OF ISSUE: 05/07/2024 <table><tr><td>CUSTOMER REF.NO.</td><td>DATED</td></tr><tr><td>Letter</td><td>26/06/2024</td></tr></table> <table><tr><td>DATE OF SAMPLE RECEIPT</td><td>DATE OF TESTING</td></tr><tr><td>26/06/2024</td><td>28/06/2024 to 04/07/2024</td></tr></table> | CUSTOMER REF.NO. | DATED | Letter | 26/06/2024 | DATE OF SAMPLE RECEIPT | DATE OF TESTING | 26/06/2024 | 28/06/2024 to 04/07/2024 |
| CUSTOMER REF.NO. | DATED | | | | | | | | |
| Letter | 26/06/2024 | | | | | | | | |
| DATE OF SAMPLE RECEIPT | DATE OF TESTING | | | | | | | | |
| 26/06/2024 | 28/06/2024 to 04/07/2024 | | | | | | | | |
| SAMPLE DESCRIPTION (As provided by customer) Y-TYPE JOINT 2 IN 1 OUT FOR 1500V DC PHOTOVOLTAIC POWER PLANT Rating: Rated voltage: 1500V DC Rated normal current: 58A | SAMPLE IDENTIFICATION ERDA Sample Code No.: ERDA-00589302 Type designation: HPWHYA-BX-A-BYY | | | | | | | | |
| TEST DETAILS 1.0 IP 6X (Category 2) test Enclosures: i) Photograph No.: 2425-004667/00589302/A to D (Total 4 nos.) ii) Drawing No. : As per SHEET 02 OF 06. Test witnessed by: Mr. Amit Gandhi (CEO) from M/s. Helios Power. Note: i) Due to moulded process design of the sample, IP 6X test was carried out according to Category 2 as declared by the customer. ii) IP 6X (Category 2) test was carried out only on the Y-type joint 2 in 1 out as shown in drawing no. HPWHY (Sheet 1 OF 2). Remarks: Sample conforms to the requirement of the customer for IP 6X (Category 2) test. | TEST SPECIFICATION As per customer's requirement & test procedure followed as per IEC 62852:2014 & IEC 60529:2013 | | | | | | | | |
| CHECKED BY Note: <ol style="list-style-type: none">1. This report relates only to the particular sample received for testing in good condition at ERDA, Vadodara.2. This report cannot be reproduced in part under any circumstances.3. Publication of this report requires prior permission in writing from Director, ERDA.4. This report shall not be used for any purpose such as PR brochures, propaganda, advertisement and/or legal proceedings, unless for the granted purpose.5. Only the tests asked for by the customer have been carried out.6. Particulars of manufacturer/supplier, given in this report are based on information supplied by the customer, along with the test request/sample. ERDA does not assume any responsibility for the correctness of the information for above mentioned Sample Under Test (SUT). ERDA will not be responsible for any changes in SUT made after the test. This test report is given as per instrument status while testing.7. In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has arisen. Caution: ERDA is not responsible for the authenticity of photocopied or reproduced test reports. ERDA provides support to customers for verification of the authenticity of test reports issued by ERDA within 10 years of date of issue of report. | (MUNAF PATEL) APPROVED BY | | | | | | | | |

TC 3670031