

TEST REPORT

TEST REPORT NO. :-SL/TEST/25-26/NN/03	Page: 1 of 13
---------------------------------------	---------------

TEST REPORT DETAILS		
Date of receipt of sample:- 27.02.2026		Date of issue of test report:-02.03.2026
1	Name and Address of Customer	PVJ POWER SOLUTIONS PVT. LTD. VILL. NASRALI, PO. DABHOTA, NALAGARH, SOLAN - 174101 HIMACHAL PRADESH (INDIA)
2	Customer Reference Number	Test Request Dated: 15.02.2026, CHALLAN NO. PVJ/RETURANABLE/115 Dated:21.02.2026
3	Sample Description	3000kVA, 33/0.800 kV, Cu. wound, OFTC IDT, Distribution transformer
4	Manufacturer	PVJ POWER SOLUTIONS PVT. LTD.
5	Condition of Sample (When received)	Satisfactory
6	Sealing Details (If any)	NA
7	Reference Specification	IS 2026 PART 1
8	Discipline	Electrical Testing
9	Group	Inductors and Transformers
10	Serial Number	PVJ-300033-01
11	QR Code (If any)	NA
12	Sample code (If any)	NA
13	Encoded code (If any)	NA
14	Job ID.	SLTC/25-26/02/062
15	Year of mfg.	2026
16	Test to be Conducted	Type tests as per page no. 2 of 13
17	Test Method & Procedure	SL/Method/03 & 04
18	Date of Starting of Tests	27.02.2026
19	Date of Completion of Tests	27.02.2026
20	Test Witnessed By	NA
21	Specific test conditions (If any)	NA
22	Enclosure (If any)	i) Name Plate Drawing no.:-TP20/07/25 ii) GA Drawing no.:-TP20/07/25
23	Whether the results Conform to specifications/IS or not	The Sample conforms the requirements for the test carried out as per IS 2026 (Part-1)

ENVIRONMENTAL CONDITIONS DETAILS	
Temperature °C :- 25±5	Relative Humidity % :- 30-70


Prepared by
 Pradeep Jain (Technical Manager)




Issued By
 Authorized Signatory
 Saurabh Yadav (CEO)

SL/7.8/QFT/40

TEST REPORT

TEST REPORT NO. :-SL/TEST/25-26/NN/03	Page: 2 of 13
---------------------------------------	---------------

TECHNICAL SPECIFICATION OF TEST SAMPLE DECLARED BY CUSTOMER					
1	Rating	3000 kVA	13	Energy Efficiency Level	----
2	HV Rated voltage	33000 Volts	14	Max. total loss at 50% rated load at 75°C	3000 watts max.
3	LV Rated voltage	800 Volts	15	Max. total loss at 100% rated load at 75°C	24000 watts max.
4	HV Rated Current	52.49 Ampere	16	Type of cooling	ONAN
5	LV Rated Current	2165.13 Ampere	17	Temperature rise oil	50°C
6	BIL HV	AC-70kVrms, LI-170 kVp	18	Temperature rise winding	55°C
7	BIL LV	AC-3kVrms	19	Primary winding conductor	Copper
8	Number of phases	3	20	Secondary winding conductor	Copper
9	Connection (HV/LV)	Delta/Star	21	Serial Number	PVJ-300033-01
10	Vector group	Dyn-11	22	Number of tapping	9
11	Frequency	50 Hz	23	Type of core (CRGO/ Amorphous)	CRGO
12	Impedance Voltage	7.00% (Tol. as per IS)	24	Type (Sealed/Non-Sealed)	Non-Sealed

TAPPING DETAILS

OFF CIRCUIT TAP CHANGER			
Switch Position	HV lead connected	No-load Voltage	
		HV	LV
1	7---8	36300	800 V
2	8---6	35475	
3	6---9	34650	
4	9---5	33825	
5	5---10	33000	
6	10---4	32175	
7	4---11	31350	
8	11---3	30525	
7	3---12	29700	

DETAILS OF TEST CONDUCTED		
I)	Routine test	----
II)	Type test	1) Lightning Impulse Test (with chopping)
III)	Special test	----
IV)	Customer requirements	----


Prepared by
 Pradeep Jain (Technical Manager)



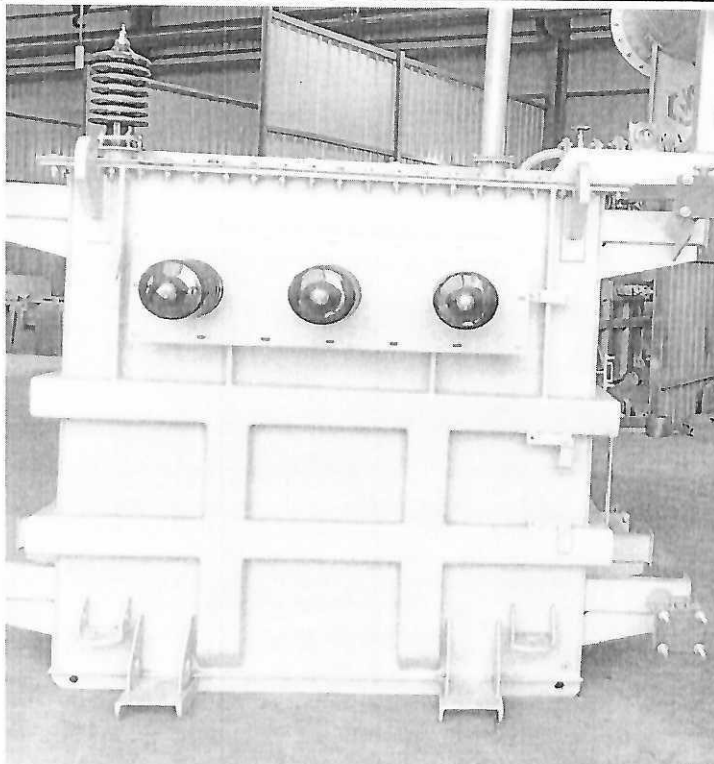

Review & Approved by
 Saurabh Yadav (CEO)

SL/7.8/QFT/40

TEST REPORT

TEST REPORT NO. :-SL/TEST/25-26/NN/03

Page: 13 of 13

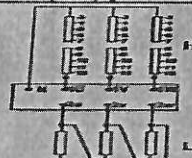


DISTRIBUTION TRANSFORMER			
PVJ POWER			
GABRIOLA INDUSTRIAL AREA MALADIA H.P. 174181 WINDY PLY POWER			
PHASE	3	APPLICATION	870
STANDARD	IS 2026	WINDING MATERIAL	CU
RATING	3000	NO LOAD LOSS	W
VOLT AT	HV 3300	LOAD LOSS	W
NO LOAD	LV 800	TYPE OF COOLING	ONAN
DEL	HV 117500-20KV	TEMP RISE	°C
	LV 3KV	WINDING	W
CURRENT	HV 52.49	MASS OF OIL	KGS
(AMP)	LV 2165.08	TOTAL MASS	KGS
FREQUENCY	50	VOL OF OIL	LITRE
VECTO GROUP	YNd11	MONTH/YEAR OF MFG.	06/2025
IMPEDANCE VOLT %	7 ± 10%	SERIAL NUMBER	PVJ-50003-01
TAPPING	OFTC	STD PERIOD	
FOR HV VARIATION	2.5% STEPS FROM -10% TO +10%		
CUSTOMER			

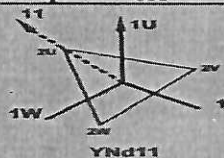
DE-ENERGIZED TRANSFORMER BEFORE OPERATING
SWITCH TURN WHEEL TO REQUIRED TAP POSITION

SWITCH POSITION	CONNECTION	HV VOLTAGE (VOLTS)	LV VOLTAGE (VOLTS)
1(MAX)	7-8	38300	800
2	8-6	35475	800
3	6-9	34650	800
4	9-5	33825	800
5(NOR)	5-10	33000	800
6	10-4	32175	800
7	4-11	31350	800
8	11-3	30525	800
9(MIN)	3-12	29700	800

CONNECTION DIAGRAM



VECTOR DIAGRAM



*****END OF REPORT*****

NOTE :-

- 1) Any anomaly/discrepancy in this test report should be brought to our notice within 45 days from the date of issue.
- 2) The tests are carried out as per Indian Standards and customer's request.
- 3) This Test Report refers only to the particular item submitted for Testing.
- 4) This Report shall not be reproduced except in full/part without prior permission of STAR LABS TEST CENTRE LLP.
- 5) The Test results reported in this Report are valid at the time of and under stated condition of measurement.



Prepared by

Pradeep Jain (Technical Manager)




Review & Approved by

Saurabh Yadav (CEO)

SL/7.8/QFT/40

Q	ISSUED FOR PRODUCTION	WAFER	HAPCAL	MS	DATE	REMARKS
REL	DESCRIPTION	DIN	CHD	APPO		
	FUJI POWER SOLUTIONS PVT LTD (TRANSFORMER DIVISION) 248-02A INDUSTRIAL AREA, Tolmaram, Gurgaon - H.P. - 124107, INDIA	This document is the exclusive property of FUJI POWER SOLUTIONS PVT LTD and shall not be used, copied or communicated to third parties without its prior authorization.				
	TITLE: OCA RATING PLATE 3MVA 33.0 KV/11 KV/11 OPTC 6ET C/J WOUND	DRG NO. TP20 07.25 DIN: H425H CHD: H425H SCALE: NTS APPO: AP00A	15.07.25 15.07.25 15.07.25 15.07.25			
		ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE STATED				
		SHEET 01 OF 01				

Test Report No. **SLT-C-125-26/NN/03**
 Date: **02.07.2005**
 Sample: **3090 KvA, 33/380kVMD**
 Verified by: **[Signature]**
 Verification of this drawing by SLTC is limited to relevant dimensional checks only.
 Verified dimensions are marked with: ★

