



(BK BIRLA GROUP OF COMPANIES)

ECE INDUSTRIES LTD.
(TRANSFORMER DIVISION)
DELHI ROAD, SONEPAT-131001
NABL ACCREDITED LAB ISO / IEC 17025:2017



Certificate No
TC-6922

TEST REPORT

Page : 1 of 09

TEST REPORT NO. - ECE/F/2026/095 Dt .25.05.2026

ULR No. -TC692226000000095F

TEST REPORT DETAILS

1) Name of Customer	PVJ POWER SOLUTIONS PVT LTD. Nalagarh - Dhabota, Bharatgarh Rd, Nalagarh, Himachal Pradesh 174101
2) Customer Reference Number	Test Request Dated : 22.05.2026 Challan No - ECE / RETURN /10 dated 25.05.2026
3) Sample Description	2700 kVA, 3.3/0.800 - 0.800 kV, Cu Wound, Oil Filled
4) Manufacture	PVJ POWER SOLUTIONS PVT LTD.
5) Condition of Samples(when received)	GOOD
6) Sealing detail (if Any)	NA
7) Reference Specification	IEC 60076 Part -3
8) Discipline	Electrcial Testing
9) Group	Inductors & Transformers
10) Serial Number	PVJ IN 48038
11) QR Code (if Any)	NA
12) Job ID.	TC692226000000095F
13)Year of Manufacring	2026
14) test to be conduted	Type test
15) Test Method & Procedure	IEC 60076 Part -3
16) Date of Starting of Tests (DD/MM/YYYY)	25.05.2026
17) Date of Completion of Tests(DD/MM/YYYY)	25.05.2026
18) Sample Reciept date (DD/MM/YYYY)	25.05.2026
19) Test Witnessed By	Mr. Sunil Kumar (NVVN) Noida, Mr. Pankaj Mishra (KSTPL) and Mr. Ravi Sharma, Jr. Engineer (PVJ Power Solutions Pvt. Ltd.)
20) Enclosure (IF Any)	i) Name plate Drawing no :- TP-16/01/26 ii)GA Drawing No:- TP-16/01/26
21) Whether the resuts conform to specification	The Sample Conforms the requirements for test carried out as per IEC 60076 Part -3

ENVIROMENTAL CONDITIONS DETAIL

Temprature °C
 :- 25 ±5

Relative Humidity %
 30-50

Remarks : 1) Tests done & observed values are given in subsequent sheets.
 2) Test Results relate only to the sample Tested.
 3) This test report cannot be reproduce in part under any circumstances.

Tested By

Reviewed/Authorised By

Witnessed By

(Ashwani Kumar)
 TM (Testing)
 ECE Industries Ltd.

(Sandeep Kumar)
 AM (Testing)
 ECE Industries Ltd.

(Sunil Kumar)
 NVVN, Noida
 Consultant

(Pankaj Kumar Mishra)
 AGM
 KSTPL

(Ravi Sharma)
 PVJ Power Solution Pvt Ltd
 Baddi



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TECHNICAL SPECIFICATION OF TEST SAMPLE DECLARED BY CUSTOMER

1	Rating	2700 kVA
2	HV rated Voltage	3300 Volts
3	LV rated Voltage	800 - 800 Volts
4	HV rated Current	472.39 Amp
5	LV rated Current	974.30 Amp
6	BIL HV	AC - 10kVrms , LI- 40 KVp
7	BIL LV	AC - 10 kV _{rms}
8	Number of Phases	3 Phase
9	Connection (HV/LV)	Delta /Star
11	Vector group	Dy ₁₁ Y ₁₁
12	Frequency	50 Hz
13	Impedance Voltage	8 % (Tol. as per ±10%)
14	Type of Cooling	ONAN
15	Temprature rise oil	50°C
16	Temprature rise Winding	55°C
17	Number of tapping	9 tap @ 2.5 % STEPS FROM +10 % TO -10 %
18	Type(Seal / Non -Sealed)	Non Sealed

DETAIL OF TEST CONDUTED

Pages No

1	Routine test		
2	Type test	1) Lightning Impulse Test	3-09
3	Special test		
4	Customer Requirements		

Tested By

Reviewed/Authorised By

(Ashwani Kumar)
 TM (Testing)
 ECE Industries Ltd.

(Sandeep Kumar)
 AM (Testing)
 ECE Industries Ltd.

(Sunil Kumar)
 NVVN, Noida
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Photographs



DISTRIBUTION TRANSFORMER

PVJ POWER

DABHOTA INDUSTRIAL AREA

NALAGARH H.P.-174101

WWW.PVJPOWER.IN

marketing@pvjpower.in

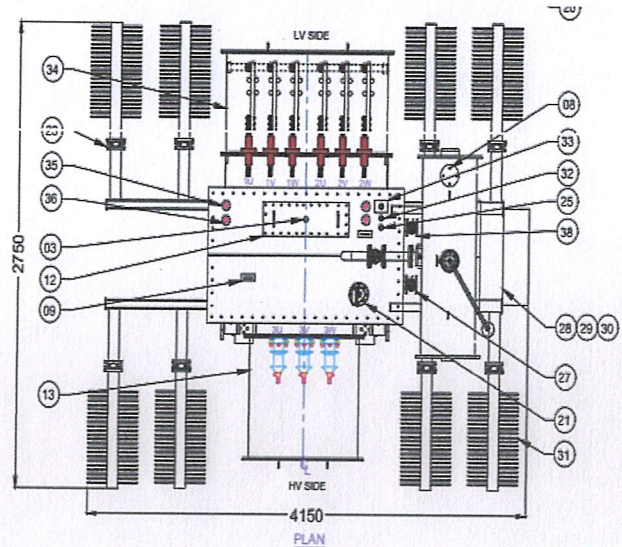
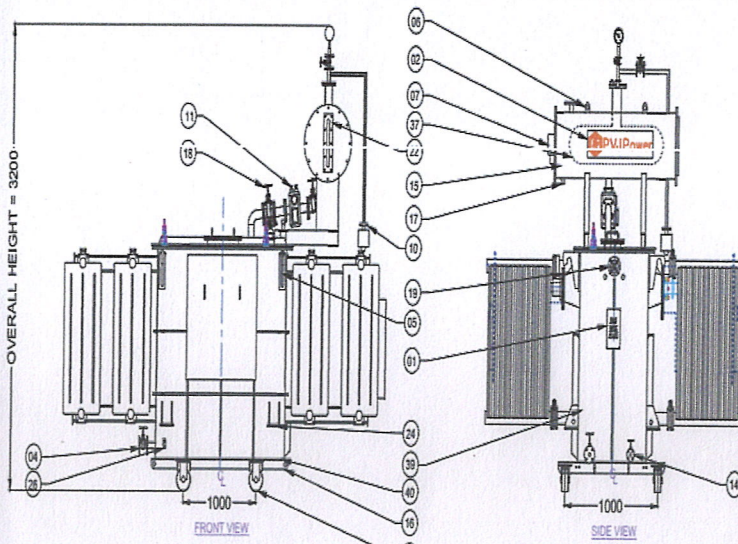
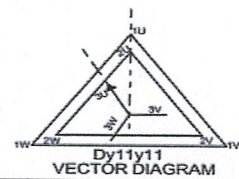
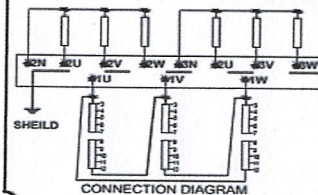
Mob.: +91-9816638097

PHASE	3	APPLICATION	IDT
STANDARD	IS 2026	WINDING MATERIAL	Cu
RATING	2700 KVA	NO LOAD LOSS	W 2700
VOLT AT NO LOAD	H V 3300 L V 1&2 800	LOAD LOSS	W 24300
BIL	H V L175AC-28kV L V 1&2 L140AC-10kV	TEMP RISE	OIL °C 50 WDG °C 55
CURRENT (AMP.)	H V 475 L V 1&2 974.3	MASS OF OIL	KG 2250
FREQUENCY	Hz 50	TOTAL MASS	KG 7200
VECTOR GROUP	Dy11y11	VOL OF OIL	LTRS. 2250
IMPEDANCE VOLT %	8.00 ± 10%	MONTHS/YEAR OF MFG.	/2026
TAPPING	OCTC	SERIAL NUMBER	
FOR HV VARIATION	2.5 % STEPS FROM +10% TO -10%	ORDER NO	
CUSTOMER			

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

SWITCH POSITION	CONNECTION	HV VOLTAGE (VOLTS)	LV1&2 VOLTAGE (VOLTS)
1(MAX)	7-8	3630.0	800
2	8-6	3547.5	800
3	6-9	3465.0	800
4	9-5	3382.5	800
5(NOR)	5-10	3300.0	800
6	10-4	3217.5	800
7	4-11	3135.0	800
8	11-3	3052.5	800
9(MIN)	3-12	2970.0	800

MADE IN INDIA



Tested By

Reviewed/Authorised By

ECE INDUSTRIES LIMITED
Delhi Road,
Sonapat-131001

(Ashwan Kumar)
TM (Testing)
ECE Industries Ltd.

(Sandeep Kumar)
AM (Testing)
ECE Industries Ltd.