

CPRI

TEST REPORT



CENTRAL POWER RESEARCH INSTITUTE

(A Govt. of India Society)

Regional Testing Laboratory

3A, Institutional Area, Sector - 62

Noida - 201 309

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



Test Report Number : CPRINOAHVMISC25T0734 Date: 10 November 2025

Name and Address of the Customer : M/s. PVJ Power Solutions Private Limited
Nasrali, Dabhota, Solan
Himachal Pradesh – 174101.

Name and Address of the Manufacturer : M/s. PVJ Power Solutions Private Limited
Nasrali, Dabhota, Solan
Himachal Pradesh – 174101.

Particulars of sample tested : 415 V, 4000 A, 3 Phase, LT Panel (Power cum motor control center)

Type : Main Distribution Panel

Description of test sample : Refer Sheet 2 of 5

Serial Number : PVJ/TEST/2503

Number of samples tested : One

Date(s) of Test(s) : 04 November 2025

CPRI Sample code Number(s) : NOAHV25S0775

Particulars of tests conducted : Refer sheet 3 of 5

Test in accordance with : As per customer requirements

Standard/Specification

Sampling Plan : Nil

Customer's Requirement : 1). Impulse withstand voltage test to be conducted at 8 kV_{peak}
2). Power frequency withstand voltage test to be conducted at 2.2 kV_{rms}
3). P.F. withstand voltage test & impulse withstand voltage test are to be conducted as per IS/IEC 61439-1: 2020 & IS/IEC 61439-2: 2020

Deviations if any : Nil

Name of the witnessing persons

Customers representative : Nil

Other than customer's representatives : Nil

Test subcontracted with address of the laboratory : Nil

Documents constituting this report (in words)

Number of Sheets : Five

Number of Oscillogram(s) : Nil

Number of Graph(s) : Nil

Number of Photograph(s) : One

Number of Test Circuit Diagram(s) : Nil

Number of Drawing(s) : Four


(Satish Kumar)
Test Engineer




(L.N. GIRI)
Engineering Officer Gr. 4
Reviewed and Authorized by

CENTRAL POWER RESEARCH INSTITUTE

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Date: 10 November 2025

DESCRIPTION OF SAMPLE TESTED

(As assigned by the manufacturer)

Sample	: LT Panel (Power Cum Motor Control Center)
Rated voltage (Volts)	: 415
Rated current (Amps)	: 4000
Frequency (Hz)	: 50
Insulation level	: 690 V
No. of Phase	: 3 PH+N
Rated Short Time Current	: 70 kA _{rms} for one second with initial peak of 154 kA _{peak}
Pollution Degree	: 3
Material Group	: IIIa


(Satish Kumar)
Test Engineer