



# **University of Tehran**

## **High Voltage Laboratory**

**Test Report**

**No: 00H230**

**Power Distribution Unit (PDU)**  
**Hooshmand Sazan Mobtaker Ofogh**





**Test Report No.: 00H230**

Test Object: Rack Power distribution unit (PDU)  
24 Port (20×C19, 4×C13) 2 Banks

Type: PMX series

Rated voltage and Current: 230 V-50-60 Hz, 16Amp Per bank 32Amp total

Manufacturer: Hooshmand Sazan Mobtaker Ofogh Co.

Test Performed on order of: Hooshmand Sazan Mobtaker Ofogh Co.

Test Scope:

- Power frequency withstand voltage test
- Temperature rise test
- Metering device functional test
- Ground Bond Test
- Electrostatic Discharge Immunity Test

Test Procedure: According to standard IEC61439-1  
IEC61000-4-2

Test Performed During: 25 May 2021

Test Result: Indicated in Report  
The test result refers to the tested object only.



High Voltage Laboratory Participants:

Test Assistant: **M.JebeliJavan**

Test leader: **S.Mohseni**

Head of Laboratory: **A.A. Shayegani Akmal**

seal

Tehran, 25 May 2021



## Contents

	Page
1. Description of test object	5
2. Power frequency withstand voltage test	5
3. Temperature rise test (C19 Plug 16Amp.)	6
4. Temperature rise test (C13 Plug 10Amp.)	6
5. Metering device functional test	6
6. Ground Bonding test	7
7. Electrostatic Discharge Immunity test	7

This Report contains, 7 numbered pages

4 photos

3 tables

2 Thermal Images