



**PERFECT**<sup>®</sup>  
SOLVING YOUR POWER NEEDS...

# MANUFACTURER Of Low Voltage

**ELECTRICAL SWITCHBOARDS**



[www.perfecthouseltd.in](http://www.perfecthouseltd.in)

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## Brief Company Background

From a modest start in early sixties, Perfect House Pvt. Ltd. has over the years established themselves as one of the reputed Indian manufacturer of Diesel Generators, Electrical Switchboards, Agricultural Equipment, Mobile lighting tower & Motor outboards for Marine application. The company has also recently diversified in to providing IT solutions and Solar power solutions.

Spread across in 5 acres area and all 2 units of Perfect House are based at Satara, Maharashtra. The manufacturing units are equipped with state-of-the art facilities and passes through all the activities starting from sheet metal shearing, punching, bending, fabrication & powder-coating to assembly, testing and dispatch of the products. Designed by well experienced Engineers, the products are manufactured with best of quality to cater both domestic and export markets.

Perfect House, an Indian origin company, is headquartered at Mumbai, India with branch offices across all major Indian cities. With vast dealer & service networks all over the country, the Group enjoys a major advantage of after sales service supports.

## Infrastructure & Machineries



Accurpress CNC Brake 30TN



Amada CNC TPP



ADH CNC Press Brake 170 TN



Murata CNC TPP

## Product Line

Perfect House Pvt Ltd. ( PHPL ) manufactures a complete range of low voltage Electrical switchboards and cater to diversified customer segments and their needs. All switchboards are manufactured as per IS-8623. PHPL also supplies IEC-61439 switchboards and Fully type tested switchboards as required by the customer.

PHPL uses quality components in every stage of production to maintain high standard of switchboards, provides optimum solutions to customer needs with due understanding of the requirement as per site conditions.

1. POWER CONTROL CENTRE (PCC)

2. MOTOR CONTROL CENTRE (MCC)

3. POWER & MOTOR CONTROL CENTRE (PMCC)

4. INTELLIGENT MCC ( iMCC )

5. AUTOMATIC POWER FACTOR CORRECTION PANEL

6. DG MANUAL/ AMF PANEL/ ATS PANEL

7. SYNCHRONIZING PANEL

8. AUTOMATION PANEL USING PLC

9. DRIVE PANEL

10. DISTRIBUTION BOARDS (DB)

11. FEEDER PILLAR

12. CONTROL & RELAY PANEL

13. LIGHTING DISTRIBUTION BOARD (LDB)

14. LOCAL PUSH BUTTON STATION (LPBS)



## Constructional Details

PHPL switchboards are manufactured as per following constructional features –

### ➤ Sheet metal Fabrication

- Frame: 2.0 mm CRCA Sheet steel
- Door: 1.5 / 2.0 mm CRCA Sheet steel
- Side cover/Partition: 1.5 mm CRCA Sheet steel
- Gland plate: 3.0 mm CRCA/Aluminium Sheet steel
- Baseframe: 75.0 mm ISMC Channel

### ➤ Busbar work - Aluminium / Copper

### ➤ Form of separation - 2a/2b/3a/3b/4a/4b

### ➤ Ingress Protection - IP-42/IP-54/IP-55/IP-65

### ➤ Fault level - 25 kA / 50 kA / 65 kA /100kA for 1 second

### ➤ Powder Coating

- 7 tank pretreatment process
- Color – RAL 7032/ RAL 7035

### ➤ Shrouds to separate live terminals

### ➤ Compartmentalized design

### ➤ Control wire - 1.1 KV, FRLS/HRFR



## Optional Features

With in-house Design & Development team, PHPL can cater to diversified market segments with varied needs.

- PCC with different incomers and combination of outgoing switchgears
- MCC panels with different types of starter option viz. DOL, STAR-DELTA, REVERSE-FORWARD, SOFT STARTER, VFD
- APFC panel - contactor switching , Thyristor switching; with and without harmonic filter
- Cable entry – Top / Bottom / Busduct entry
- Modular construction / Welded construction
- Single & Double front
- Single & Two tier

## Test Equipment

1. PRIMARY INJECTION TEST KIT
2. SECONDARY INJECTION TEST KIT
3. VARIABLE VOLTAGE BENCH
4. HIGH VOLTAGE TESTER
5. INSULATION RESISTANCE TESTER
6. MULTIMETER
7. CLAMP METER
8. DFT METER
9. IN-HOUSE LABORATORY TO MEASURE CHEMICAL CONCENTRATION IN PRE-TREATMENT TANKS





## Our Valued Partners



## Our Esteemed Customers



## Perfect House Pvt. Ltd.

**Corporate Office:** 2nd Floor, 99C Kavya Aura, Tardeo, Mumbai - 400034, Maharashtra  
**Contact:** 022-62611930 / 900  
**Factory (Unit-1):** Plot No M/7, Additional MIDC, Satara - 415004, Maharashtra  
**Factory (Unit-2):** Plot No. J-2/5 & 6, Additional MIDC Satara - 415004, Maharashtra  
**Contact:** 021-62240710 / 711

**Branches:**  
 Plot No. 190, Jaggi Garden Mandhour,  
 Ambala City -134007, Haryana  
**Contact:** 8968381272  
 Tower B2, Space I Tech Park, 5th Floor, Unit 554 & 555,  
 Sohana Road, Gurgaon - 122002, Haryana  
**Contact:** 0124-4896036 / 37

### REGIONAL OFFICES

Mumbai (HO) | Satara (FACTORY) | Ambala | Bengaluru | Bhopal | Chennai | Gurgaon | Hyderabad | Indore | Kolkata | Pune