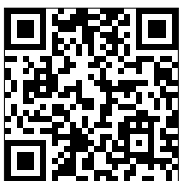


# ARCHIMOD HE 20-480

HIGH POWER  
MODULAR  
UPS

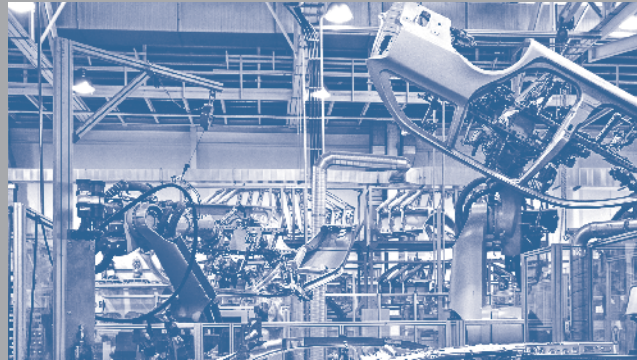
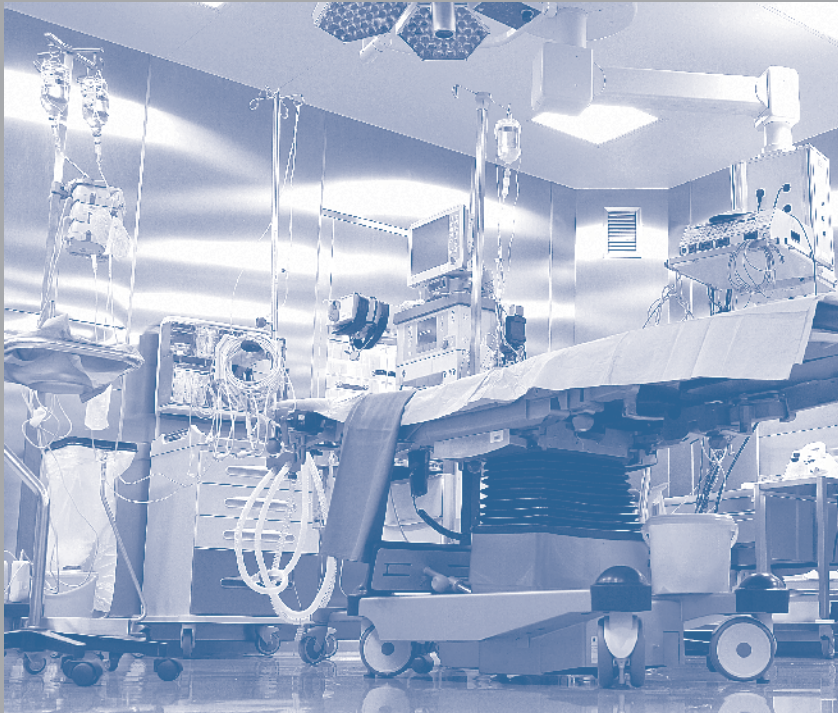
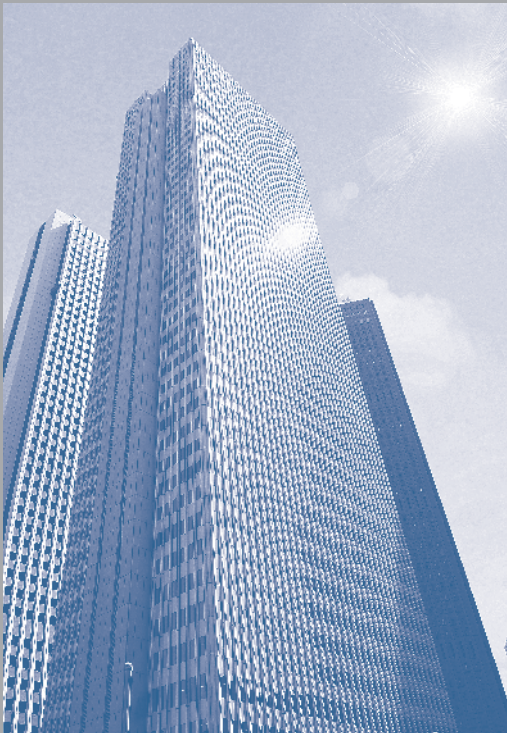


THE GLOBAL SPECIALIST  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURE

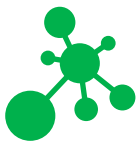
**NUMERIC**<sup>®</sup>  
A Group brand | **legrand**<sup>®</sup>

# UPS

superior performance  
continuity of service  
energy efficiency



# POWER PARTNER



IN BUSINESS CONTINUITY

With an experience of over **32 years** in the UPS industry, Numeric has envisioned and relentlessly strived to offer reliable power quality solutions to its customers. Numeric is among the top 3 UPS Companies in India. With solutions from supporting a desktop PC to a large MW range mission critical power requirement. We have been serving thousands of satisfied customers across various market segments in India. Our customers include leading organizations from various market segments, such as IT, Healthcare, Banking, Education & Research, Telecom, Industries, Government, etc. Our installation base, over the last decade, is more than 1 million active UPS's across market segments.

With 7 world class manufacturing units located in Chennai, Puducherry and Sinner, we are poised to meet the diversified needs of our customers. We provide 24/7 customer support through a wide and robust service and support system, which

32 years of experience in UPS industry

Among top 3 ups companies in India

Installation base of >1million ups systems\*

254 service centers & 44 sales offices pan India

7 world class manufacturing units

provides power continuity uptime and productivity of our customer's businesses. Our network of 254 service centers and 44 sales offices is the largest UPS service support network in India. More than 900 factory-trained service professionals are stationed in those locations to maintain UPS uptime.

Numeric has been a part of the Legrand group since the year 2012.

Legrand, a global specialist in Electrical and Digital building infrastructure is a 5B€ organization operating across 180 countries.

Numeric today provides complete solutions in UPS across Line Interactive, 1 Phase, 3 Phase and Modular UPS's. Global expertise and local knowledge make us a truly GLOCAL company.

\*over one decade.





# ARCHIMOD HE 20-480



## THE GRANULAR PARALLEL ARCHITECTURE



ARCHIMOD HE is made up of many individual redundant and «self-configuring» single-phase modules

Thanks to load sharing, the overall load is equally shared between the power modules and in the event of failure, the system still works

Different numbers of power modules can create a huge range of configurations and redundancy levels

# ARCHIMOD HE 20-480



## BENEFITS OF THE **GRANULAR** SYSTEM

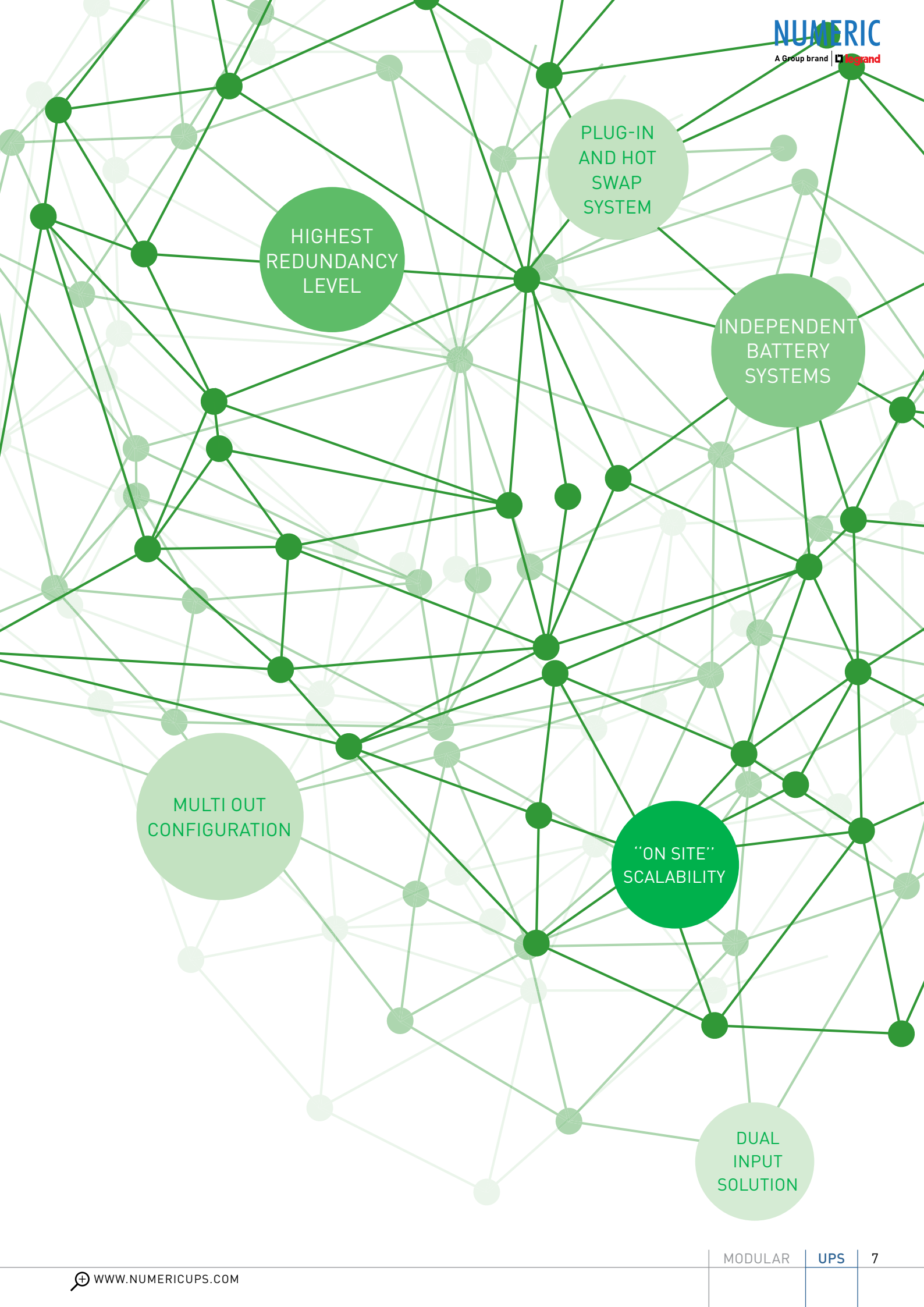


SIMPLIFIED  
INSTALLATION

INCREASED  
FLEXIBILITY

INCREASED  
CONTINUITY  
OF SERVICE

The ARCHIMOD HE20-480 granular architecture simplifies all phases including assembly, maintenance and future expansion. This innovative design allows maximum continuity of service to be obtained, especially for critical applications.



HIGHEST  
REDUNDANCY  
LEVEL

PLUG-IN  
AND HOT  
SWAP  
SYSTEM

INDEPENDENT  
BATTERY  
SYSTEMS

MULTI OUT  
CONFIGURATION

"ON SITE"  
SCALABILITY

DUAL  
INPUT  
SOLUTION

# ARCHIMOD HE 20-480



## THE GRANULAR UPS SYSTEM UP TO 480 KW

high  
performance

POWER  
FACTOR **1**

Thanks to the unity power factor the new ARCHIMOD HE UPS systems guarantee maximum real power; 11% more than rival products offering 0.9 power factor.

high  
efficiency

**96%**

Continuous research combined with modern production methods has enabled Legrand to offer the market a cutting-edge, top-performing product: certified efficiency up to 96% and unity power factor.

low  
environmental  
impact

↓ **TCO**

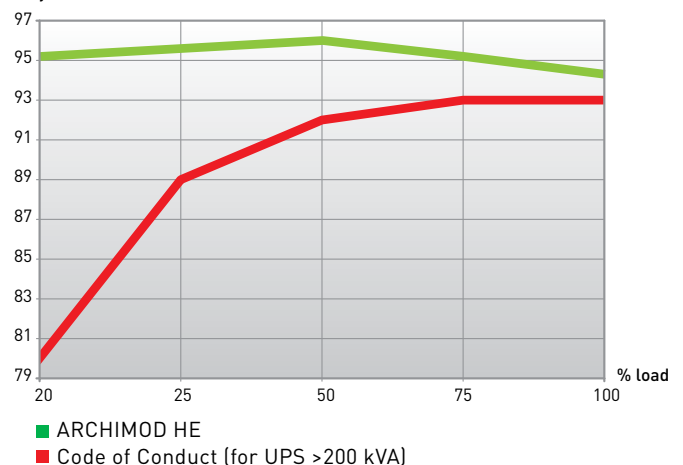
Combining high density with a structural design that optimises the space, the new ARCHIMOD HE system is the ideal solution for advanced energy management and reduced total cost of ownership (TCO).

### CERTIFIED EFFICIENCY One of the highest values on the market



ARCHIMOD HE'S 96% efficiency, one of the highest on the market, has been externally certified by the SIQ. The European Code of Conduct requires a minimum value of 92%. So ARCHIMOD HE is up to 4% more efficient, thus effectively halving all UPS energy losses.

% efficiency





## 1 Control module

Equipped with a microprocessor, it manages 3 power modules. If it is used with a power expansion module, it can manage up to 6 power modules, thus increasing the power from 20 to 40 kVA. It has a screen and a multifunction keypad for monitoring the operating parameters of the UPS and for configuring numerous functions. It can be connected in parallel to other control modules and used with power expansion modules. The front panel has a backlit status indicator for immediate checking of the operating status of the system and an RS 232 port for connecting a PC for maintenance.

## 2 Power modules

The power modules (nominal power 6.7 kVA) are extremely compact and easy to handle. They have a plug-in hot swap system, making them quick to install and maintain. They work in parallel with all modules that are present to ensure optimum system performance.

## 3 Power expansion module

This must be used with a control module. It increases the power from 20 to 40 kVA and can be used to establish individual redundancy on each phase.

## 4 Battery modules

Each module contains batteries that can be connected in series, forming separate strings each with a very low safe DC voltage. The compactness and functionality of the single (plug-in) module make it easy to handle, and expansion operations are possible without any modification of the structure of the installed system.

## 5 Distribution module

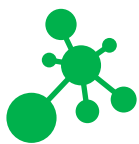
This is used to configure the distribution type of the UPS (three-phase/three-phase, three-phase/single phase, single phase/single phase or single phase/three-phase). It has I/O connection blocks, handling and protection devices, and the connection for additional battery cabinets. The power supply can be configured on two separate input sources (main and backup).

## 6 Cable entry

Special sleeves enable entry and exit of the input and output cables, via the top and via the bottom.



# ARCHIMOD HE 20-480



## THE MODULAR ARCHITECTURE

### Power modules

Each power module is a single UPS with nominal power of 6.7 kW, extremely compact and easy to handle (weighing only 8.5 kg). They have a plug-in hot swap system and work in parallel with all the modules present to ensure optimum system performance. The power module is the same for all ranges from 20 to 480 kW.



### Control drawer

Each control drawer manages up to 18 power modules (for the 480 kW); it contains the control boards and has a drawer stop to prevent it being pulled out too far. The front panel has a diagnostic multicoloured LED for instant visual communication that of the UPS status and of all communication ports: SNMP slot, logic level and RS232 communication port and 5 volt-free contacts.





## Switches



The UPS is provided with two input switches. These two switches are bridged by default but the connection can easily be removed to obtain two independent input lines. On the front of the UPS there is also a switch for the manual bypass and one for the output.



## Space for handling



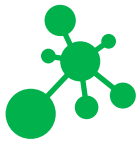
The UPS is easily handled by a standard manual forklift through dedicated openings in all four sides.





LEGRAND'S MODULAR UPS KNOW-HOW GOES BACK MORE THAN 20 YEARS, TO WHEN THE VERY FIRST MODULAR UPS WERE INTRODUCED IN 1993. SINCE THEN, CONTINUOUS FIRMWARE DEVELOPMENT AND RESEARCH INTO CONTROL AND HARDWARE COMPONENTS HAVE LED TO CONTINUOUS IMPROVEMENTS IN SYSTEM RELIABILITY, QUALITY AND TECHNICAL PERFORMANCE.

# ARCHIMOD HE 20-480



## FRONT-ACCESS INSTALLATION & MAINTENANCE



AS A LEADING MANUFACTURER OF POWER DISTRIBUTION ENCLOSURES, LEGRAND IS FULLY AWARE OF THE INSTALLATION REQUIREMENTS OF THESE SYSTEMS. THE ARCHIMOD HE20-480 RANGE HAS BEEN DEVELOPED TO SIMPLIFY ALL PHASES OF INSTALLATION, POSITIONING AND CONNECTION. THE UPS IS DESIGNED WITH A LARGE AMOUNT OF AVAILABLE SPACE FOR CABLE ENTRY AND BENDING.



# INSTALLATION



## Dedicated connection solutions

The connection cabinet has been designed to fit several cables with a large cross-section. The switches are fitted with special terminals to simplify connection of the cables.

## User-friendly interface

The display position makes it easy to read and navigate the menu. All communication ports are fitted on the front panel below the display, allowing faster control and testing. A cable management system is available for the communication cables. An acoustic signal and high-visibility flashing on the backlit front panel ensure that any alarm signal is noticed immediately. The signals can be split into various categories according to their severity.



## Designed to fit any location

Compact and lightweight components simplify and optimise the installation in any location. The structure without the power modules weighs only 300 kg, making it easy to position the UPS in the equipment room or in its final destination.



# MAINTENANCE



## One power module throughout the range

Archimod HE 240/480 uses the same Power Modules as Trimod HE and Archimod HE, offering to significant advantages in terms of maintenance.

First of all, there is just one spare part, the Power Module itself, that can be replaced by a single technician in less than 5 minutes, ensuring the maximum MTTR (Mean Time To Repair).

Secondly, if several UPS systems are installed on the same site, there is a possibility of sharing the stock of spare parts, minimising its cost and any stock control issues. And thirdly, being replaceable from the front, the Power Modules do not require any side access to the UPS, ensuring safe maintenance even in very small rooms.

## Visual and mechanical safety

The status of the switches is always visible via the position of the handle. When the switches are closed the handle prevents the wiring cabinet from opening, ensuring complete safety of operation.



## Front access to the control boards

Like the Power Modules, the Control Boards can also be replaced from the front.

The technician just needs to have front access to the ARCHIMOD HE 240/480 in order to be able to work on the control boards.

This ensures safety for the operator and optimum maintenance results for the user.

# ARCHIMOD HE 20-480

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**FLEXIBLE**  
SOLUTIONS

---

Many possible  
configurations

**Scalable solution  
from 20 kW up to 240 kW**



**Scalable solution  
from 20 kW up to 480 kW**





USING THE ARCHIMOD HE 20-480 GRANULAR PARALLEL ARCHITECTURE YOU CAN PROGRAM SEVERAL TYPES OF CONFIGURATION AND SET VARIOUS REDUNDANCY LEVELS TO ENSURE MAXIMUM CONTINUITY OF SERVICE FOR ALL INSTALLATIONS.

## High levels of redundancy

### Standard operation

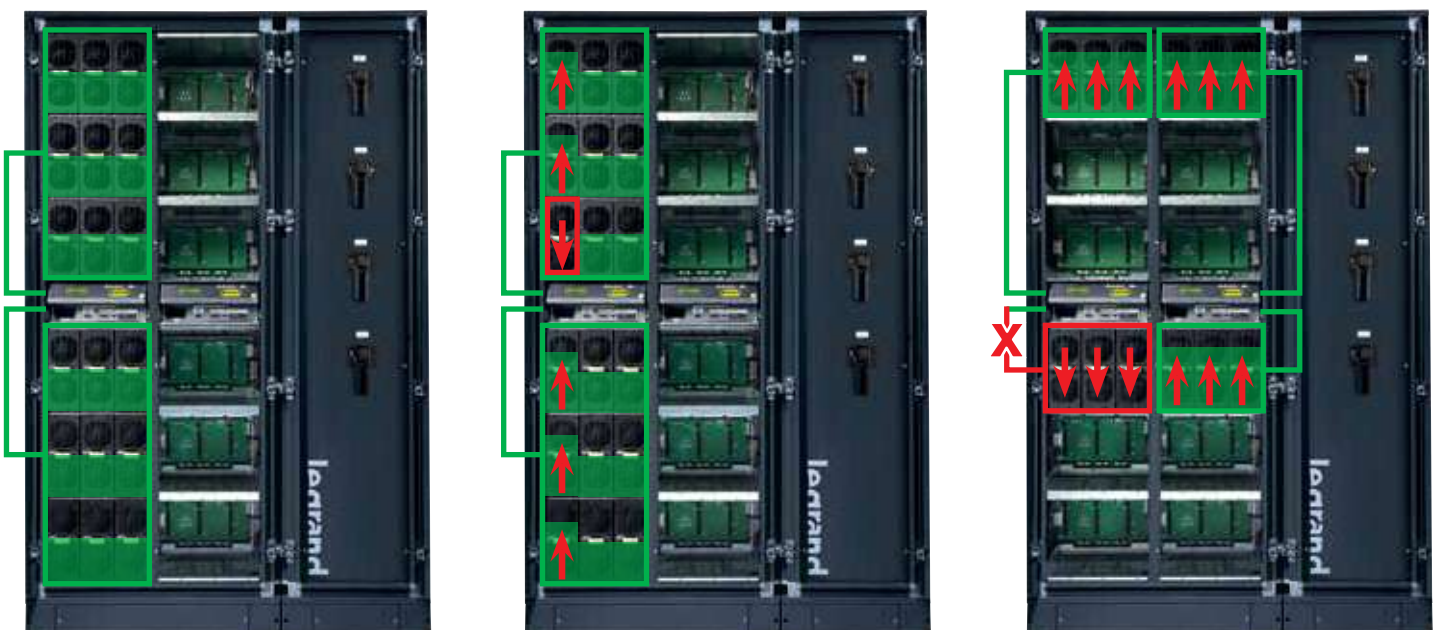
We can achieve redundancy thanks to load sharing; the overall load is equally shared between the power modules and in the event of failure the operational modules will back up the faulty one.

### Redundancy on the phases

In a system with three-phase outputs, it is possible to create redundancy on each individual phase. If one of the power modules fails, the other modules for this phase take over from the faulty module.

### Redundancy on the control

In UPS systems incorporating several control modules, failure of one of the control boards results in the modules it controls being switched off. However, continuity of service is assured by automatic distribution of the lost power over the other modules.



# ARCHIMOD HE

Double conversion VFI three-phase modular UPS



| Pack | Cat. Nos. | UPS (without batteries) |                |                             |
|------|-----------|-------------------------|----------------|-----------------------------|
|      |           | Nominal Power (in kVA)  | Weight (in kg) | Dimension (W x D x H) in mm |
| 1    | 7 2042 07 | 20 kVA                  | 205            | 570 x 912 x 2080            |
| 1    | 7 2042 08 | 40 kVA                  | 240            | 570 x 912 x 2080            |
| 1    | 7 2042 09 | 60 kVA                  | 256            | 570 x 912 x 2080            |
| 1    | 7 2042 10 | 80 kVA                  | 272            | 570 x 912 x 2080            |
| 1    | 7 2042 11 | 100 kVA                 | 318            | 570 x 912 x 2080            |
| 1    | 7 2042 12 | 120 kVA                 | 364            | 570 x 912 x 2080            |
| 1    | 7 2052 13 | 240 kVA                 | 610            | 1350 x 750 x 2050           |
| 1    | 7 2052 14 | 480 kVA                 | 866            | 2470 x 750 x 2050           |

| Communication Options |           |   |  |
|-----------------------|-----------|---|--|
| 1                     | 7 2186 31 | CS 141 SK Professional (SNMP Only)        |  |
| 1                     | 7 2186 32 | CS 141 B SK Standard (SNMP with Sensor)   |  |
| 1                     | 7 2186 33 | CS 141 M SK Industrial (SNMP with MODBUS) |  |

| Accessories |           |                           |  |
|-------------|-----------|---------------------------|--|
| 1           | 7 2186 43 | Power Modules 6.7 kVA     |  |
| 1           | 7 2186 44 | Additional Charger Module |  |

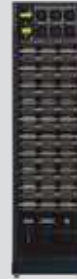
| Empty Cabinet for estimated backup time of appx 15 min |           |                        |                             |
|--|-----------|------------------------|-----------------------------|
|  |           | Nominal Power (in kVA) | Dimension (W x D x H) in mm |
| 1  | 7 2188 02 | 20 kVA                 | 800 x 450 x 1300            |
| 1  | 7 2188 25 | 40 kVA                 | 950 x 370 x 1600            |
| 2  | 7 2188 25 | 60 kVA                 | 950 x 370 x 1600            |
| 2  | 7 2188 26 | 80 kVA                 | 975 x 460 x 1900            |
| 2  | 7 2188 26 | 100 kVA                | 975 x 460 x 1900            |
| 2  | 7 2188 28 | 120 kVA                | 1025 x 575 x 1900           |
| 4  | 7 2188 28 | 240 kVA                | 1025 x 575 x 1900           |

| Empty Cabinet for estimated backup time of appx 15 min |         |                        |                             |
|--|---------|------------------------|-----------------------------|
|  |         | Nominal Power (in kVA) | Dimension (W x D x H) in mm |
| 1  | 7218825 | 20 kVA                 | 950 x 370 x 1600            |
| 2  | 7218825 | 40 kVA                 | 950 x 370 x 1600            |
| 2  | 7218826 | 60 kVA                 | 975 x 460 x 1900            |
| 2  | 7218828 | 80 kVA                 | 1025 x 575 x 1900           |
| 3  | 7218826 | 100 kVA                | 975 x 460 x 1900            |
| 2  | 7218830 | 120 kVA                | 1375 x 575 x 1900           |
| 4  | 7218830 | 240 kVA                | 1375 x 575 x 1900           |

General Tolerance ± 2 mm

## Configurations

**20**  
 Power: 20 kVA  
 Backup time: 65 min  
 1 Cabinet  
 1 Control module  
 3 Power modules  
 30 Battery drawers  
 1 Distribution module



**40**  
 Power: 40 kVA  
 Backup time: 21 min  
 1 Cabinet  
 2 Control modules  
 6 Power modules  
 24 Battery drawers  
 1 Distribution module



**60**  
 Power: 60 kVA  
 Backup time: 8 min  
 1 Cabinet  
 3 Control modules  
 9 Power modules  
 18 Battery drawers  
 1 Distribution module



**80**  
 Power: 80 kVA  
 Backup time: 14 min  
 2 Cabinets  
 4 Control modules  
 12 Power modules  
 36 Battery drawers  
 1 Distribution module



**100**  
 Power: 100 kVA  
 Backup time: 10 min  
 2 Cabinets  
 3 Control modules  
 2 Power expansion modules  
 15 Power modules  
 36 Battery drawers  
 1 Distribution module



**120**  
 Power: 120 kVA  
 Backup time: 8 min  
 2 Cabinets  
 3 Control modules  
 3 Power expansion modules  
 18 Power modules  
 36 Battery drawers  
 1 Distribution module



NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.

# ARCHIMOD HE

Double conversion VFI three-phase modular UPS

## Characteristics

| General characteristics            |  |                        |          |     |     |     |
|------------------------------------|--|------------------------|----------|-----|-----|-----|
|                                    | 20   | 40                     | 60       | 80  | 100 | 120 |
| Active power (kW)                  | 20   | 40                     | 60       | 80  | 100 | 120 |
| Module power (kVA)                 | 6.7 per power module (20 kVA with 3 modules), cos 1  |                        |          |     |     |     |
| Technology                         | On-line double conversion VFI-SS-111   |                        |          |     |     |     |
| System                             | Modular, expandable and redundant system in a single cabinet, 19" rack   |                        |          |     |     |     |
| Hot Swap capacity                  | The power and/or battery modules can be replaced without switching off the UPS   |                        |          |     |     |     |
| Input characteristics              |  |                        |          |     |     |     |
| Input voltage                      | 380, 400, 415 3PH+N+PE<br>(o 220, 230, 240 1PH)  | 380, 400, 415 3PH+N+PE |          |     |     |     |
| Input frequency                    | 45-65 Hz ± 2% autosensing  |                        |          |     |     |     |
| Input voltage range                | 230 V + 15%/-20% 1P<br>400 V + 15 %/-20% 3P  | 400 V +15%/-20% 3P     |          |     |     |     |
| THD of input current               | < 3%   |                        |          |     |     |     |
| Compatibility with gensets         | Configurable for synchronisation between the input and output frequencies, even for the highest frequency ranges, ± 14%                |                        |          |     |     |     |
| Input power factor                 | > 0.99   |                        |          |     |     |     |
| Output characteristics             |  |                        |          |     |     |     |
| Output voltage                     | 380, 400, 415 3PH+N+PE<br>(o 220, 230, 240 1PH)  | 380, 400, 415 3PH+N+PE |          |     |     |     |
| Efficiency                         | Up to 96%  |                        |          |     |     |     |
| Nominal output frequency           | 50/60 Hz ± 0.1   |                        |          |     |     |     |
| Peak factor                        | 3.5:1  |                        |          |     |     |     |
| Tolerance on output voltage        | ±1%  |                        |          |     |     |     |
| Permitted overload                 | 10 minutes at 113% and 60 seconds at 135%  |                        |          |     |     |     |
| Efficiency in Eco mode             | 99%  |                        |          |     |     |     |
| Bypass                             | Automatic and maintenance bypass   |                        |          |     |     |     |
| Batteries                          |  |                        |          |     |     |     |
| Battery modules                    | The battery modules are designed for easy insertion in the cabinet. No special operation is required to connect them                   |                        |          |     |     |     |
| Battery range type/voltage         | VRLA - AGM/252 VDC   |                        |          |     |     |     |
| Backup time                        | Configurable and extendable, both internally and with additional battery cabinets  |                        |          |     |     |     |
| Battery charging                   | Smart Charge technology 3-step advanced cycle  |                        |          |     |     |     |
| Communication and management       |  |                        |          |     |     |     |
| Screen and signalling              | 4 x 20-character lines, 4 menu navigation buttons, multi-coloured LED status indicator   |                        |          |     |     |     |
| Communication ports                | For each control module: 2 x RS232 serial ports, 1 logic level port, 5 volt-free contact ports, 2 slots for SNMP interfaces (optional) |                        |          |     |     |     |
| Back-feed protection               | N/C + N/O auxiliary contact  |                        |          |     |     |     |
| Emergency stop                     | Yes  |                        |          |     |     |     |
| Remote control                     | Available  |                        |          |     |     |     |
| Physical characteristics           |  |                        |          |     |     |     |
| Dimensions (H x W x D) (mm)        | 2080 x 570 x 912 (42 U)  |                        |          |     |     |     |
| Installable power modules          | 3  | 6                      | 9        | 12  | 15  | 18  |
| Installable battery modules        | Up to 30   | Up to 24               | Up to 18 | -   | -   | -   |
| Net weight (kg)                    | 205  | 240                    | 276      | 272 | 318 | 364 |
| Ambient conditions                 |  |                        |          |     |     |     |
| Operating temperature/humidity     | 0 - 40 °C / 0 - 95% non condensing   |                        |          |     |     |     |
| Protection index                   | IP 21  |                        |          |     |     |     |
| Maximum noise audible at 1 m (dBA) | 50 to 65   |                        |          |     |     |     |
| Conformity                         |  |                        |          |     |     |     |
| Certifications                     | EN 62040-1, EN 62040-2, EN 62040-3   |                        |          |     |     |     |

# ARCHIMOD HE 20/480

Double conversion VFI three-phase modular UPS



| Pack   | Cat. Nos. | UPS (without batteries)                   |                             |                             |
|--|-----------|---|-----------------------------|-----------------------------|
|  |           | Nominal Power (in kVA)                    | Weight (in kg)              | Dimension (W x D x H) in mm |
| 1  | 7 2052 13 | 240 kVA                                   | 610                         | 1350 x 750 x 2050           |
| 1  | 7 2052 14 | 480 kVA                                   | 866                         | 2470 x 750 x 2050           |
| <b>Communication Options</b>                                   |           |   |                             |                             |
| 1  | 7 2186 31 | CS 141 SK Professional (SNMP Only)        |                             |                             |
| 1  | 7 2186 32 | CS 141 B SK Standard (SNMP with Sensor)   |                             |                             |
| 1  | 7 2186 33 | CS 141 M SK Industrial (SNMP with MODBUS) |                             |                             |
| <b>Accessories</b>   |           |   |                             |                             |
| 1  | 7 2186 43 | Power Modules 6.7 kVA                     |                             |                             |
| 1  | 7 2186 44 | Additional Charger Module                 |                             |                             |
| <b>Empty Cabinet for estimated backup time of appx. 15 min</b> |           |   |                             |                             |
| 4  | 7 2188 28 | Nominal Power (in kVA)                    | Dimension (W x D x H) in mm |                             |
|  |           | 240 kVA                                   | 1025 x 575 x 1900           |                             |
| <b>Empty Cabinet for estimated backup time of appx. 30 min</b> |           |   |                             |                             |
| 4  | 7 2188 30 | Nominal Power (in kVA)                    | Dimension (W x D x H) in mm |                             |
|  |           | 240 kVA                                   | 1375 x 575 x 1900           |                             |

General Tolerance ± 2 mm

## Examples of configuration

ARCHIMOD HE160  
Power: 160 kW scalable up to 240  
1 Distribution cabinet  
24 Power modules  
4 covers for empty power module slot



ARCHIMOD HE240  
Power: 240 kW  
1 Distribution cabinet  
36 Power modules



ARCHIMOD HE320  
Power: 320 kW  
scalable up to 480  
1 Distribution cabinet  
48 Power modules  
6 covers for empty power module slot



ARCHIMOD HE480  
Power: 480 kW  
1 Cabinet  
72 Power modules  
1 Distribution cabinet



# ARCHIMOD HE 20/480

## Double conversion VFI three-phase modular UPS

### Characteristics

| General characteristics            |  |                                      |
|------------------------------------|--|--------------------------------------|
| Nominal power (kW)                 | 240  | 480                                  |
| Module power (kW)                  | 6.7 per power module (20 kW with 3 modules), $\cos\phi$ 1  |                                      |
| Technology                         | On-line double conversion VFI-SS-111   |                                      |
| System                             | Modular, expandable and redundant system in a single cabinet   |                                      |
| Input characteristics              |  |                                      |
| Input voltage                      | 380, 400, 415 3PH+N+PE   |                                      |
| Input frequency                    | 45-65 Hz (autosensing)   |                                      |
| Input voltage range                | + 15%/- 20%  |                                      |
| THD of input current               | < 3%   |                                      |
| Compatibility with gensets         | Configurable for synchronisation between the input and output frequencies, even for the highest frequency ranges, $\pm$ 14%    |                                      |
| Input power factor                 | > 0.99   |                                      |
| Output Specifications              |  |                                      |
| Output voltage                     | 380, 400, 415 3PH+N+PE   |                                      |
| Efficiency                         | Up to 96%  |                                      |
| Nominal output frequency           | 50/60 Hz   |                                      |
| Peak factor                        | 3.5:1  |                                      |
| Tolerance on output voltage        | $\pm$ 1%   |                                      |
| Permitted overload                 | 10 minutes at 115% and 60 seconds at 135%  |                                      |
| Efficiency in Eco mode             | 99%  |                                      |
| Bypass                             | Static, electromechanical and maintenance bypass   |                                      |
| Batteries                          |  |                                      |
| Battery range type/voltage         | VRLA - AGM/252 VDC   |                                      |
| Backup time                        | Configurable and extendable, with additional battery cabinets  |                                      |
| Battery charging                   | Smart Charge technology 3-step advanced cycle  |                                      |
| Communication and management       |  |                                      |
| Screen and signalling              | For each control drawer, 1 display with 4 x 20-character lines, 4 menu navigation buttons, multi-coloured LED status indicator |                                      |
| Communication ports                | 2x RS232 communications port,<br>2x 5 volt-free contacts 2x logic level port, N.2 SNMP slot                                    |                                      |
| Back-feed protection               | N/C + N/O auxiliary contact  |                                      |
| Emergency stop                     | Yes  |                                      |
| Physical characteristics           |  |                                      |
| Dimensions (W x H x D) (mm)        | 1350 x 2050 x 750  | 820 x 2050 x 750 + 1650 x 2050 x 750 |
| Installable power modules          | up to 36   | up to 72                             |
| Installable battery modules        | -  | -                                    |
| Net weight (kg) *                  | 440  | 256 + 610                            |
| Ambient conditions                 |  |                                      |
| Operating temperature/humidity     | 0 - 40°C / 0 - 95% non condensing  |                                      |
| Protection index                   | IP 21  |                                      |
| Maximum noise audible at 1 m (dBA) | <80  |                                      |
| Conformity                         |  |                                      |
| Certifications                     | EN 62040-1, EN 62040-2, EN 62040-3   |                                      |

\* empty without power module.  
general tolerance for dimension  $\pm$  2 mm.



# Customer services

## Reliable

Directly present in 254 locations across India to ensure quick support, a team of 900 factory qualified engineers are available 24/7/365 to support your UPS system to ensure availability to the most critical loads.

## Excellent

Numeric competitive edge lies in its ability to provide high value-added UPS systems and service for customers. For Numeric, creating value means providing solutions with low energy consumption. The Legrand Group also provides all products required for electrical and digital building installations, particularly as an integrated system, with solution to fit customer needs.

## Tailor-made

We offer a complete range of specific solutions and services to meet customer requirements:

- Technical pre-sales support
- UPS sizing and solution
- Supervision of installation, testing and commissioning.
- Operator training
- Site audits
- Warranty extension offers
- Annual maintenance contract

# SERVICES

## Support

### SITE INSPECTION, INSTALLATION SUPERVISION.

We perform a comprehensive check of the UPS environment to ensure safety and fault-free operation. Our technical experts give manufacturer's recommendations to the site engineer or electrical contractors, and supervise the UPS installation before load power-up.



### SITE TEST, COMMISSIONING.

Our Service Engineers conduct rigorous site tests and full setting-up of the UPS system before going live. They also configure the UPS according to your requirements. Commissioning operations for all UPS are carried out by qualified engineers to guarantee seamless start-up. After the final handing over of the UPS system, installation report is delivered to you.

## Training

### TRAINING

We offer on-site training to ensure your equipment's safe and efficient operation. Troubleshooting courses are also available in our plants for intensive hands-on practice on UPS training equipment.



## Maintenance

### PREVENTIVE MAINTENANCE

Electronic equipment and power systems, such as UPS, contain life-limited components and parts that must be replaced according to the manufacturer's specifications. To ensure optimal performance and to protect your critical application from potential downtime, it is crucial to perform preventive maintenance operations on a regular basis and replace parts when needed. Our Service Contracts with PM include cleaning, UPS measurements, functional tests, technical reports if required, battery health checkup and software upgrades. A Preventive Maintenance Plan is one of the most cost-effective actions that can preserve your initial investment and ensure your business continuity.



### CORRECTIVE MAINTENANCE, EMERGENCY CALL

In the event of an Emergency Call, our engineers and spare-parts stocks strategically located as close as possible to your location, provide an intervention time with 24/7/365 assistance. After connecting a laptop to your UPS, a very powerful diagnostic software helps our engineer to identify the fault, thus ensuring short MTTR (Mean Time To Repair). Corrective actions are performed such as part replacement, adjustments to return the UPS system back to normal operation.

## Head Office

10<sup>th</sup> Floor, Prestige Center Court,  
Office Block, Vijaya Forum Mall, 183,  
N.S.K Salai, Vadapalani, Chennai,  
Tamilnadu - 600 026.  
Phone: +91 44 4656 5555

## Regional Offices

### New Delhi

A 25, 1<sup>st</sup> Floor, Mohan Co-Operative  
Industrial Estate, Mathura Road,  
New Delhi - 110 044.  
Phone : +91 11 26990028/29/30

### Kolkata

Bhakta Tower, Plot No. KB22,  
2<sup>nd</sup> & 3<sup>rd</sup> Floor, Salt Lake City, Sector - III,  
Kolkata - 700 098.  
Phone : +91 33 4021 3535/3536

### Mumbai

C/203, Corporate Avenue, Atul Projects,  
Near Mirador Hotel, Chakala, Andheri  
Ghatkopar Link Road, Andheri (East),  
Mumbai - 400 099.  
Phone : +91 22 3385 6201

### Chennai

10<sup>th</sup> Floor, Prestige Center Court, Office Block,  
Vijaya Forum Mall, 183, N.S.K Salai,  
Vadapalani, Chennai - 600 026.  
Phone : +91 44 3024 7236/200

### Coimbatore

No. B-15, Thirumalai Towers,  
No. 723, 4<sup>th</sup> Floor, Avinashi Road,  
Coimbatore - 641 018.  
Phone : +91 422 420 4018

### Hyderabad

No. 205-208, 2<sup>nd</sup> Floor, Block 2,  
White House Kundan Bag, Begumpet,  
Hyderabad - 500 016.  
Phone : +91 40 4567 1732

### Bengaluru

II Floor, AL-Latheef Building, 2/1, Union Street,  
Off: Infantry Road, Bengaluru - 560 001.  
Phone : +91 80 2286 1081/78

### Kochi

Door No. 50/1107A9, JB Manjooran Estate,  
3<sup>rd</sup> Floor, Bye Pass Junction,  
Edappally, Kochi - 682 024.  
Phone : +91 484 2801 921

## Branch Offices

### Chandigarh

SCO 4, First Floor,  
Sector 16, Panchkula,  
Chandigarh - 134 109.  
Phone : +91 93160 06215

### Dehradun

Plot No. 270, Ground Floor,  
Chaman Vihar,  
G.M.S. Road, Niranjapur,  
Dehradun - 248 001.  
Phone : +91 135 272 9649

### Lucknow

209/B, 2<sup>nd</sup> Floor, Cyber Heights,  
Vibhuti Khand, Gomti Nagar,  
Lucknow - 226 018.  
Phone : +91 93352 01364

### Jaipur

Plot No. J-6, Scheme-12B,  
Sharma Colony, Bais Godown,  
Jaipur - 302 019.  
Phone : +91 141 221 9082

### Guwahati

House No 02,  
Rajgarh Girls High School Road  
(Behind Rajgarh Girls High School) ,  
Guwahati - 781 007.  
Phone : +91 361 245 0322/245 1987

### Patna

204, Fraser Road,  
Hemplaza, 2<sup>nd</sup> Floor,  
Patna - 800 001.  
Phone : +91 612 220 0657

### Ranchi

202 & 203,  
Bardwan Compound,  
Lalpur, 2nd Floor,  
Ranchi - 834 001.  
Phone : +91 651 221 4071

### Bhubaneswar

N-2/72 Ground Floor,  
IRC Village, Nayapally,  
Bhubaneswar - 751 015.  
Phone: +91 674 255 0760

### Bhopal

Plot No. 160,  
Devashish Complex,  
2nd Floor, Zone-I, MP Nagar,  
Bhopal - 462 011.  
Phone : +91 755 276 4202

### Nagpur

Plot No.173, Ground Floor,  
Utkarsh Ashwini Appts,  
RPTS Road, Laxmi Nagar,  
Nagpur - 440 022.  
Phone : +91 712 228 6991/228 9668

### Ahmedabad

A-101/102, Mondeal Heights,  
Beside Hotel Novotel,  
Near Iscon Circle,  
S G Highway,  
Ahmedabad - 380 015.  
Phone : +91 79 6134 0555


### Pune

302, 3<sup>rd</sup> Floor,  
Swastik Chambers,  
Above ICICI Bank,  
Off Karve Road, Erandwane,  
Pune - 411 004.  
Phone : +91 84 5201 4036

### Madurai

Door. No.1,  
Pillayar Koil Street,  
S.S.Colony,  
Madurai - 625 016.  
Phone : +91 452 260 4555

# NUMERIC®

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