

NUMERIC[®]

iPDU

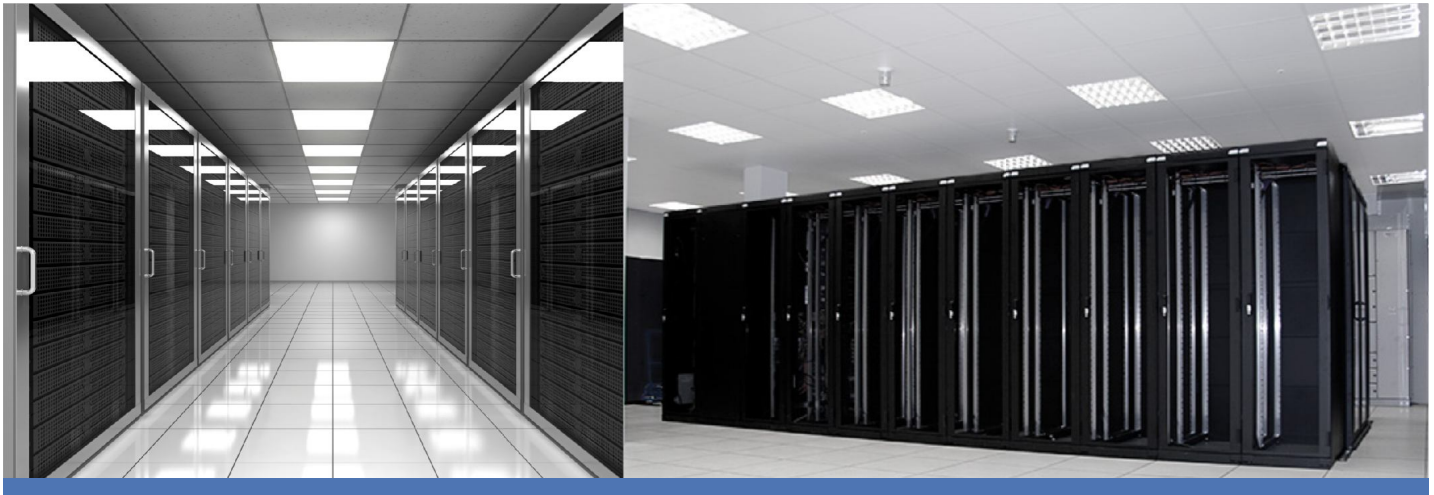
20kVA - 250kVA



The ultimate in clean power

A Group brand | **legrand**

Optimize space, monitor energy



Intelligent Power Distribution Solutions

iPDU is designed with a highly reliable power distribution systems and Intelligent Branch Circuit monitoring System (BCMS) for continuous monitoring of power parameters, energy consumption and effective management of threshold load levels. iPDU increase space availability & system reliability in IT environment such as Data Centers, Server Room, Network Hubs, etc...

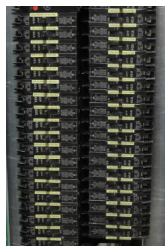
Features

- Compact design of 600 x 600mm to have high power to volume ratio
- Power distribution expandable up to 168 branch circuits
- Minimizes risk on investment by allowing incremental expansion of your future facility
- Customized solution for users requirement
- TVSS available as standard feature
- Optional - K - Rated Isolation Transformer & Intelligent Branch Circuit Monitoring
- Retrofits to any existing distribution system can be offered after study
- Large 16x2 system status display
- Simplifies server consolidation plans
- Meets the growth demands of dual cord equipment
- Top or bottom entry, spacious conduit access area



Numeric - No.1 UPS Manufacturer in India*

(*Source: Soft Disk)



Simplified Expansion with Customized Options

- 42 pole panel boards with bolt on circuit breaker
- Solid copper input bus bars
- Standard ground bus and optional isolated ground bus
- Unobstructed wiring access for ease of installation
- Hinged front doors and panel board covers with slide lock access
- Lockable main door with easy view of all circuits (acrylic or solid finish)
- 200% rated bus for neutral terminal block

BCMS is an optional intelligent branch circuit monitoring system to monitor single phase load on all panel boards to increase your Power Distribution Intelligence and better control of Data Center / utility floor loads.

Technical Specification:

Electrical Parameters

Rating (kVA)	75	150	225
Input Voltage	380 / 400 / 415V		
Frequency	50Hz		
Input connection option	Direct Connection to panel board main breaker		

Output Circuit Breakers

Rating	16A & 20A (Options of 32A, 63A for 1Φ & 3Φ)
Panels	18 / 30 / 42
Protection Type	Thermal Magnetic and with earth leakage (30 mA)
Number of Circuits	Up to 168 branch circuits
Isolation Transformer	K-rated transformer, Six (6) compensation taps (4FCBN, 2FCAN) K20 copper 150°C Class H Insulation Transformer. Double Neutral Type 3Φ + G (Transformer less models offered for 3Φ, 4 wire + G)
Communication	ModBus RTU protocol & SNMP communication
Standards	IEC 60950; IEC 61000-6-4
Cable Entry	Top or Bottom Input / Output cable entry available
Ventilation	Convection cooled

Dimensions & Weight

	without transformer
Width x Depth x Height (mm)	600 x 600 x 1900 / 2075
Weight	275kg

Note : Ratings also available in 20, 30, 60, 100, 120, 200 & 250kVA

Note: As standards, Specification and design change from time to time, please ask for confirmation of the information given in this publication.

BCMS Features:

- Individual Branch Circuit & Summation of branch breakers per panel board
- Average, Minimum / Maximum current
- Alarm Setting & Summary alarm via Mod bus
- Optional local monitoring capability
- Current demand
- Real Power, Apparent Power & Reactive Power - KVA Per Panel board & kWh per panel board
- Power factor & Frequency per Panel board
- Over / under voltage per panel board
- Input phase current neutral, ground
- Voltage L-L, L-N for 3 phases, panel board



Customized PDU with BCMS Solutions

Retrofits to any existing distribution system can be offered after study



BCMS Options

- Fits any manufacturer's distribution panels
- Suitable to monitor up to 168 branch circuits
- Delivers information to Building Management/ Power Monitoring System via Modbus open protocol or SNMP
- Remote and local monitoring and control over loads

NUMERIC HOUSE No.5 , Sir P.S.Sivasamy Salai, Mylapore, Chennai - 600 004, INDIA .

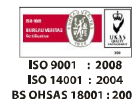
Tel : +91 -44-2499 3266 Fax : +91 -44-24998210 E-mail : info@numericups.com



The ultimate in clean power

A Group brand | **legrand**

REGIONAL OFFICE: AHMEDABAD 079 - 27488779 / 556 BANGALORE 080 - 43038000, 01 / 02 / 03 / 04 BHOPAL 0755 - 2764201, 2764202 CHENNAI 044 - 24982502, 24982511, 24990466, 24990064, 24993266 COCHIN 0484 - 2324616, 2322334 COIMBATORE 0422 - 2242290, 2243716, 2243740 HYDERABAD 040-27603048, 27662817 KOLKATA 033 - 24609233, 24609234, 24609032 LUCKNOW 0522 - 2206110, 2206112 MADURAI 0452-2604555, 2602629 MUMBAI 022-28373953/54/55 NEW DELHI 011-25571347/48/49



BS OHSAS 18001 : 2007



No.1 Power Electronics Company
No.10: Line UPS Manufacturer
No.1 Line Interactive UPS Manufacturer
Source: Salford



Toll Free No. 1 800 425 3266
www.numericups.com
NPDM/MKT/BRO/PDU/01

NUMERIC 1/2013

Please Refer our website : www.numericups.com for list of our service centers.

NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PRIVATE LIMITED