NUMERIC®

A Group brand | legrand®

Keor MOD+

Three Phase Modular UPS

300 kW | 420 kW | 600 kW

Continuity, Reengineered

NEW ENERGY
TO POWER

www.numericups.com

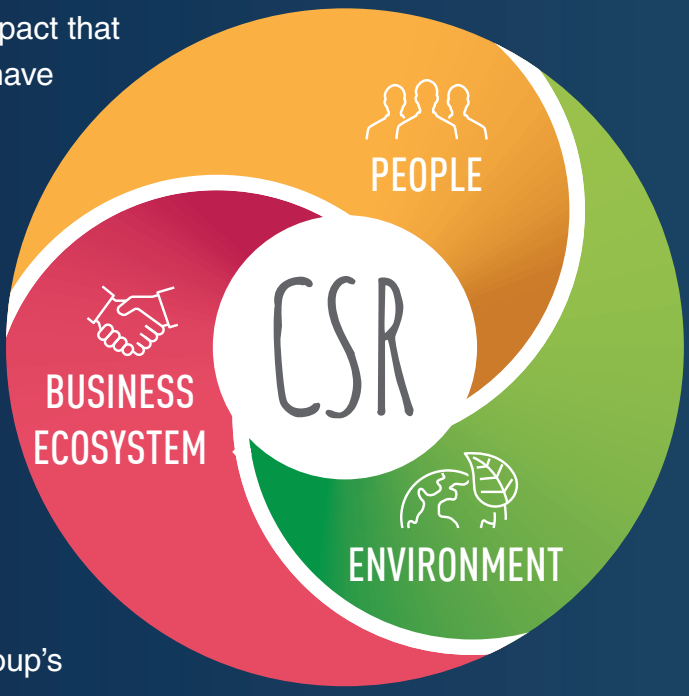
NUMERIC®
A Group brand | legrand®

Sustainability

Corporate social responsibility

Green management and sustainable supply chain: these concepts are part of Legrand's Corporate Social Responsibility, which is the company's commitment to drawing up a strategy and implementing it with practical actions aimed at socially responsible behaviour towards everything around it, such as people, things, and environment.

CSR involves the management of human resources, the organisation and division of labour and the management of natural resources. CSR aims to assess the impact that the company's actions and decisions have internally, but also externally, on the stakeholders and the environment.



Business ecosystem
or how Legrand interacts ethically with the whole ecosystem of its activities.

People
or how Legrand engages with all of its employees and stakeholders.

Environment
or how Legrand intends to limit the Group's environmental impact.

Circular economy

We are committed to creating a system that involves all stakeholders to share values, objectives and actions in order to control and reduce the environmental impact of all our economic and production processes, reduce waste and environmental impact and transform what would once have been defined as “waste” into new resources. Controlling these aspects has an impact on the entire life cycle of the product, starting from the design of new concepts and new specifications for the materials the UPS is made of; this is possible through responsible design and procurement processes, with a strong focus on research and the use of innovative materials from the circular economy and alternative raw materials. When a product ends its life, all these materials can become high value-added resources that can be used in other production cycles.

Digitalisation

Many of our documents are now available in a digital format to view on a PC or smartphone, not only making them always accessible but also reducing the amount of paper we use. Digitalisation also becomes an important driver of the circular economy, since it allows the use of tools for performance data analysis and preventive diagnostics, both useful for optimising the life cycle and durability of the product.

Efficiency

Our R&D team is constantly working on the development of increasingly efficient UPSs that allow high and incremental performance with minimum energy dissipation; with regard to CO2 emissions, we are implementing processes and products that represent an improvement in the percentage of carbon footprint compared to the past. But efficiency is not only synonymous with high performance. For us, efficiency also means ecodesign: This implies that the UPS is designed to be easily repaired, maintained, and easy to separate into its components. This means increasing the durability of our UPSs and the possibility of reusing and recycling them at the end of their life.

EPD/PEP

For each product family we draw up an EPD (Environmental Product Declaration) or PEP (Profil Environnemental Produit) in line with ISO 14025: it is a declaration that is a sort of environmental photograph of the product.

The EPD is drawn up according to the concept of Life Cycle Assessment: it examines the environmental impact of a product throughout its life cycle, from the development of product specifications to the choice of materials to be used and the end-of-life destination of the product itself.

NUMERIC®
A Group brand | legrand®

Every Millisecond Matters

In the age of AI-powered data centers—where workloads shift by the second and demands are unpredictable—power continuity is the difference between business as usual and business at risk.

Introducing Keor MOD+ —Numeric's next-generation modular UPS, engineered for data centers & mission critical applications, that can't afford to pause. As part of Legrand Group, we deliver reliability, innovation, and the service backbone global brands trust.

The Stakes: Uptime is the New Currency

In today's digital economy, uptime isn't just a metric—it's the foundation of your business's reputation, revenue, and resilience.

Every second of downtime is a lost opportunity and a potential crisis. Data centers are now the backbone of every industry, and the cost of a single outage can ripple across markets and customers worldwide. Keor MOD+ is engineered for this reality. It's not just a power backup system; it's your guarantee of business continuity, operational reliability, and compliance with the most rigorous electrical and safety standards. In a world where "continuity" is the baseline, Keor MOD+ ensures you never fall behind.

NUMERIC®
A Group brand legrand®

The Outcomes that Matter

What if your UPS could guarantee business continuity and deliver measurable savings?

Keor MOD+ is designed for the outcomes that matter most: Modular architecture to protect every revenue stream, effortless scalability to match your ambitions, and high efficiency to cut energy and space costs. Real-time intelligence, advanced redundancy, and robust service support ensure you're always a step ahead. With Keor MOD+, every outcome is engineered for the modern data center.

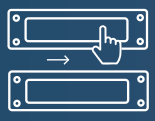
NUMERIC®
A Group brand | legrand®

Meet Keor MOD+ The New Benchmark for Continuity

Setting a new standard for performance, flexibility, and reliability.

Keor MOD+ can be scaled up to 1.8 MW with **60 kW** hot-swappable modules in a compact, space-saving 3U form factor. N+X redundancy, up to **96%** efficiency, and up to **99%** in ECO mode deliver best-in-class uptime and energy savings.

Keor MOD+ also maintains **100%** rated performance even at high operating temperatures up to **40°C**—without deration, ensuring uninterrupted capacity in the most demanding data center environments. Li-ion compatibility and **190+** monitoring parameters make Keor MOD+ the most advanced, adaptable UPS in its class.



Hot-Swappable Power & Static Modules

Up to 96% Efficiency with Unity Power Factor at 40°C

High Power Density 60 kW in Compact 3U Form

Advanced Monitoring & Control

Wide Communication Options

< 3% THDi

10 inch Touchscreen

N + X Redundancy

Engineered for Reliability

In a world where “continuity” is non-negotiable, reliability must be designed, not assumed.

Keor MOD+ is built for maximum uptime, with decentralized controls, true N+X redundancy, and robust electromechanical switches that eliminate single points of failure. Conformal coated PCBs, dual input design, and comprehensive monitoring of critical components and batteries ensure resilience in the harshest environments. Features like static bypass, backfeed protection, and emergency power off (EPO) deliver operational safety and peace of mind.

Emergency Power Off

Back Feed Protection

Conformal Coated PCB


legrand
legrand

NUMERIC®
A Group brand | legrand®

Modularity & Hot-Swapability

Service, scale, or upgrade, without switching to bypass.

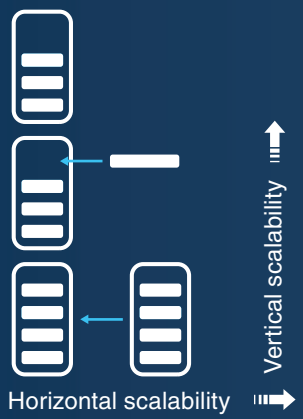
The true modular design of Keor MOD+ means every **60 kW** power module – including the static switch module, is hot-swappable and independently controlled. Both power and static modules can be safely replaced or upgraded while the system remains online, ensuring no interruption to your critical load. Maintenance and expansion are now risk-free and seamless—your business never pauses, and your revenue stays protected.

NUMERIC®
A Group brand legrand®

Scalability without Disruption

Scale your power backup as your business grows—no interruptions, no limits.

Keor MOD+ is engineered for seamless, pay-as-you-grow scalability. Expand from **60 KW to 1.8 MW** in modular increments, matching your infrastructure to your business needs without overprovisioning or downtime. Whether you're deploying at the edge or supporting a hybrid cloud, the flexible architecture of Keor MOD+ ensures you're always ready for what's next.



N + X Redundancy

Power Density & Compact Footprint

Every rack unit is revenue. Keor MOD+ helps you make the most of every square foot.

With **60 KW** in just 3U, Keor MOD+ delivers industry-leading power density. Free up space for more servers, batteries, or future expansion. Compared to a legacy UPS, Keor MOD+ can increase your usable rack space, maximize ROI, lower cooling costs, and futureproof your data centers for growth. Its compact footprint is ideal for high-density, edge, and colocation environments where every unit counts.

High Power Density
60 kW in Compact
3U Form

Efficiency & Sustainability

Energy
Savings

Every watt saved is margin gained and emissions avoided.

Keor MOD+ delivers up to **96%** efficiency in true online double-conversion mode and up to **99%** in ECO and parallel ECO modes, dramatically reducing energy waste and operational costs. Unity power factor even at 40°C ensures maximum active power delivery. The self-loading feature allows you to test the UPS's performance across key components before connecting to your actual load, improving operational efficiency. Advanced energy management helps you achieve your TCO and ESG targets, making Keor MOD+ a sustainable choice for the future.

Unity Power
Factor at 40°C

96%

Online Efficiency

99%

Eco Mode

<3% THDi

NUMERIC®
A Group brand | legrand®

Advanced Battery Flexibility

Your UPS should adapt to your battery strategy, not the other way around.

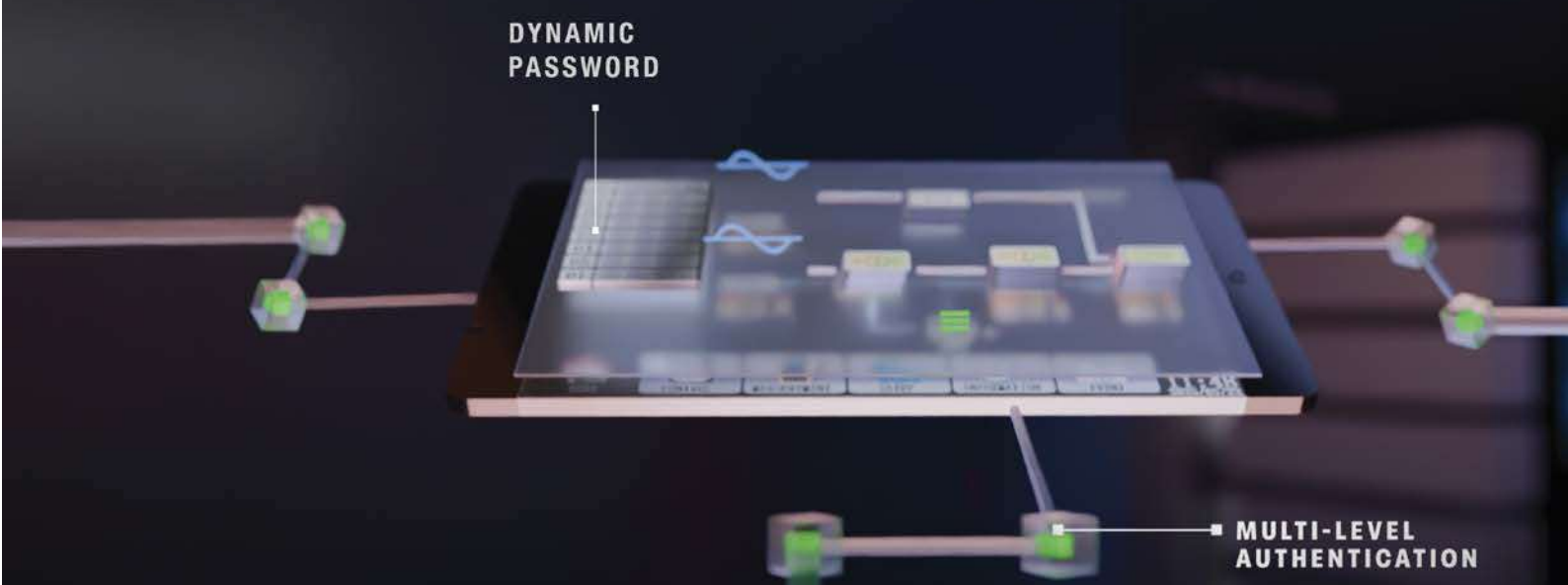
Keor MOD+ can be integrated with both Li-ion and VRLA batteries, with battery health, cycle life, and status monitored directly from the UPS interface. Its flexible DC bus and fast three-stage charging enables adaptability and quick recharge. Common battery bank support allows up to two Keor MOD+ systems to share a single battery bank, optimizing space and cost. Features like temperature compensation, deep discharge protection, and real-time runtime estimation ensure maximum reliability and longevity.

Common Battery Bank

Flexible DC Bus

LI-ION

Li-ion Compatibility



Intelligence & Monitoring

The smartest power is the power you never have to think about.

Keor MOD+ features a **10”** color touchscreen, live synoptic view, and **190+** parameters monitored in real time. Predictive diagnostics, instant alerts, and remote access keep your team ahead of issues, not chasing them. Integrate seamlessly with BMS/DCIM and gain complete visibility of the UPS performance. Monitoring of critical components and batteries, enables proactive maintenance for uninterrupted business continuity.

Advanced Monitoring & Control

10 inch Touchscreen

Critical Components Monitoring

NUMERIC®
A Group brand | legrand®

Connectivity & Integration

Data Centers demand seamless communication and control.

Keor MOD+ is designed for seamless integration into any data center environment. It provides a full suite of connectivity options—including **RS485, RS232, Ethernet, SNMP, USB, dry contacts, and a user-friendly HMI**—so you can easily connect to your preferred monitoring, automation, or management systems.

The dual input design and flexible communication slots ensure Keor MOD+ adapts to your infrastructure, whether you're running a single site or a multi-location network. A built-in static bypass ensures uninterrupted power flow during overloads, faults, or maintenance—maintaining uptime while troubleshooting or replacing modules. With robust security protocols and remote diagnostic capabilities, you always have complete visibility and control.

Wide Communication Options

Built-in Static Bypass

DUAL INPUTS

Dual Input

NUMERIC®
A Group brand | legrand®

Customer Services

Reliable

Directly present in 250+ 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's 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 a 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

Continuity Powered by 24/7 Support

NUMERIC
A Group brand legrand

In today's dynamic business environment, pre-emptive and efficient service delivery is key to business continuity. With a customer centric focus, we have put technology as an enabler for a seamless experience, quick response time and faster resolution with CRM.

On-site Training

Numeric's service engineers are aptly qualified to conduct training programmes and sessions which include hands-on operations, safety, erection, decoding the information on the front panel, precautions, necessary monitoring and many more crucial aspects.

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, the installation report is delivered to you.

Maintenance Preventive

Electronic equipment and power systems, such as UPS, contain limited-life 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 check-up 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.

On Demand Service

In the event of an emergency call, engineers and stocks of spare parts are strategically located at locations near you to minimize downtime. This is available 24x7x365. Our proprietary diagnostic software helps our engineers identify the fault for a short Mean Time To Repair (MTTR). Corrective actions such as part replacement and other fixes are undertaken to return the UPS system back to normal operations.

Customer Excellence Centre

Numeric is equipped with a state-of-the-art Customer Excellence Centre that provides a comprehensive, technology-enabled, end-to-end customer support available round-the-clock, 24x7.

Battery Health Monitoring System & Remote Monitoring System

Our Battery Health Monitoring System & UPS Remote Monitoring system enable us to monitor the health and performance of batteries and the UPS remotely and in real-time.

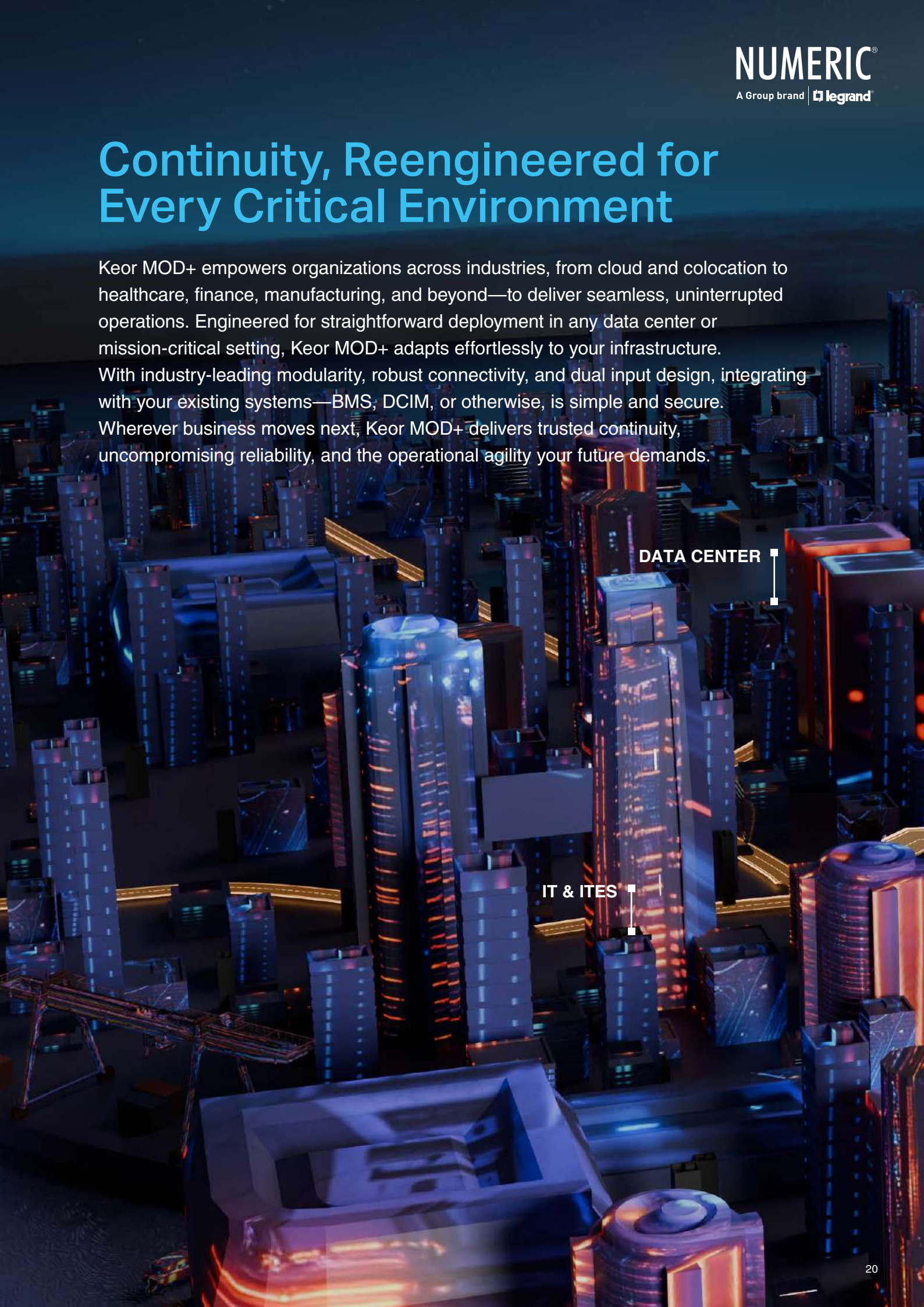
Virtual Remote Assistance (VRA)

With our one of a kind Virtual Remote Assistance solution, customers are assured of quick and hassle-free resolution to their issues, which is done over a video call in real time. This innovative approach allows our experts to diagnose and resolve problems efficiently, providing immediate support and minimizing downtime.

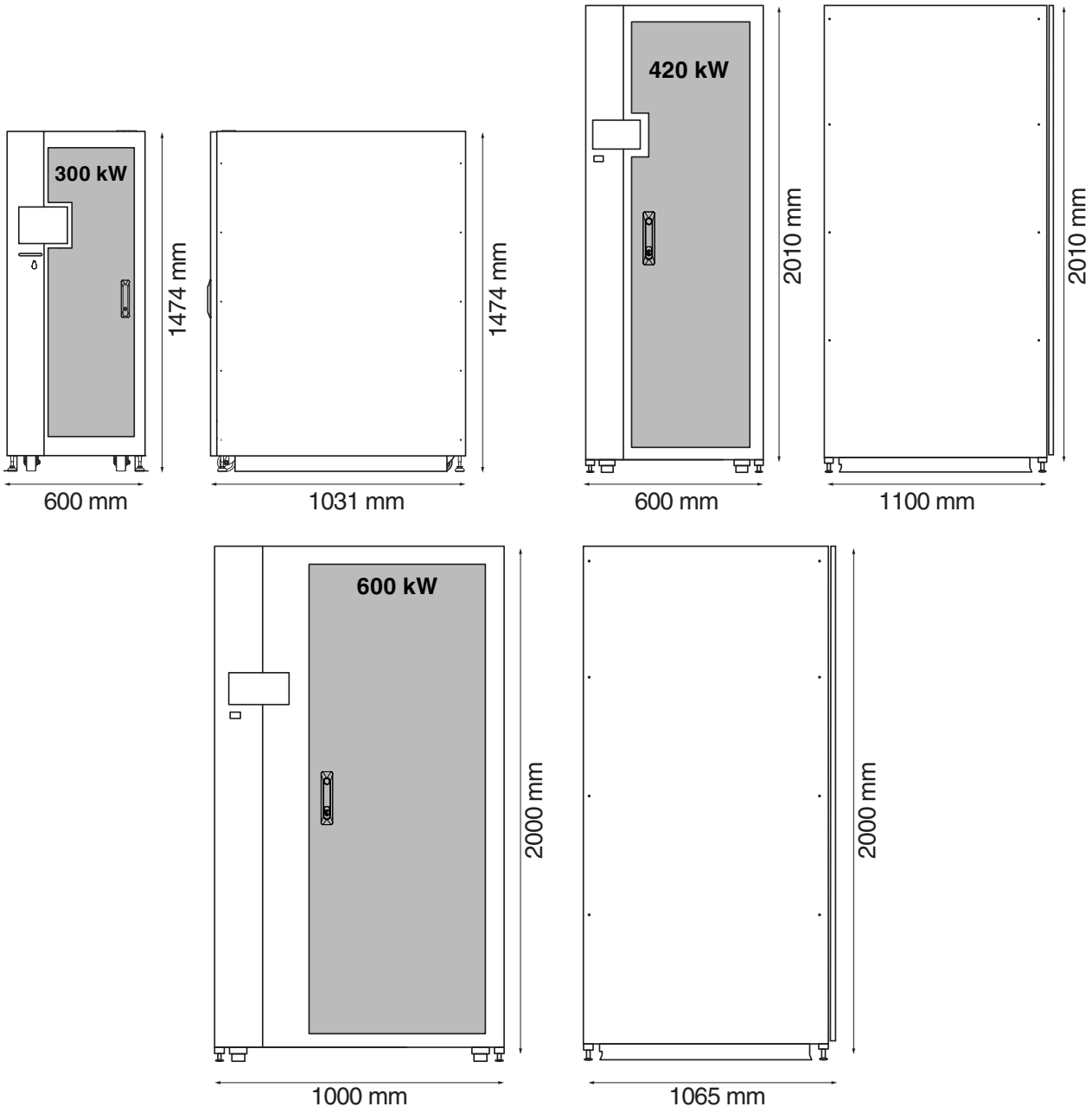
NUMERIC®
A Group brand legrand®

Continuity, Reengineered for Every Critical Environment

Keor MOD+ empowers organizations across industries, from cloud and colocation to healthcare, finance, manufacturing, and beyond—to deliver seamless, uninterrupted operations. Engineered for straightforward deployment in any data center or mission-critical setting, Keor MOD+ adapts effortlessly to your infrastructure. With industry-leading modularity, robust connectivity, and dual input design, integrating with your existing systems—BMS, DCIM, or otherwise, is simple and secure. Wherever business moves next, Keor MOD+ delivers trusted continuity, uncompromising reliability, and the operational agility your future demands.




Keor MOD
legrand
legrand
COMMERCIAL
INFRASTRUCTURE
MANUFACTURING
HEALTHCARE



Item	UPS Components			
	Description	Power (kW)	Dimensions (W x D x H mm)	Weight (kg)
	UPS Cabinet	300	600 x 1031 x 1474	220
		420	600 x 1100 x 2010	319
		600	1000 x 1065 x 2000	482
	Power Module	60	3U	44

	Configuration options
311410	POWER MODULE
311411	CAB 300 kW
311412	CAB 420 kW
311413	CAB 600 kW
311419	INPUT & BYPASS SWITCH 420 kW
311420	INPUT & BYPASS SWITCH 600 kW
311421	BUSBAR KIT 600 kW

Images are for reference only. Actual appearance may differ slightly.

Keor MOD+

Three Phase Modular UPS | 300 kW | 420 kW | 600 kW

NUMERIC
A Group brand legrand

Characteristics

Nominal Power [kVA]	300	420	600
Active Power (kW)	300	420	600
Classification	True Online Double Conversion, VFI - SS - 111		
Module Capacity {kW}	60	60	60
Module Capacity {kW}	5	7	10
UPS's Architecture	Three Phase Modular UPS, scalable and redundant		
INPUT SPECIFICATIONS			
Operating Voltage	380/400/415 VAC		
Input voltage range L-L	240~480 VAC < 50% load; 320~480 VAC for rated load		
Input frequency [Hz]	50 / 60 with tolerance from 40 to 70 Hz		
Input phases	3 phase + N + G		
THD input current full load (linear at thdv <0.5%)*	< 3%		
Input power factor	>/= 0.99		
OUTPUT SPECIFICATIONS			
Topology	DSP based 3 level IGBT inverter		
Output Power Factor @ 40°C	1		
Output Phases	3Ph + N + G		
Nominal Output Voltage with Adjustment Range	380/400/415V ± 1%		
Output Frequency [Hz]	50/60		
Voltage Harmonics	<1.5% for linear load & < 4% for non-linear load		
Overall Efficiency AC ~ AC	Up to 96%		
Efficiency on Eco Mode	Up to 99%		
Permitted Overload on Inverter Mode	≤ 110% @ 60min, 111% to 125% @ 10min, 126% to150% @ 1min		
Crest Factor	3:1		
Bypass	Static bypass module & Inbuilt maintenance bypass switch		
BATTERIES			
Battery Type	VRLA, Ni Cd & Li-ion		
Operating DC Voltage	408 VDC~480 VDC		
Battery Charging	3 Stage advance charging		
COMMUNICATION AND MONITORING			
Display	10" Touch screen multicolor		
Cabinet Status Bar	Multicolor LED - Red, Yellow, Green		
Power Module LED Indicator	Independent LEDs		
Connectivity	SNMP, Modbus, RS 485, RS 232, RJ 45, PFC's for input & output		
Cold Start	Available		
Paralleling Capability	Available		
EPO Switch on Frame	Yes		
Backfeed Protection	Yes, optional		
PHYSICAL CHARACTERISTICS			
Frame Net weight (kg) Including Switches*	250	647	969
Frame Dimensions (W x D x H) (mm) Including Isolator	600 x 1031 x 1474	600 x 1100 x 2010	1000 x 1065 x 2000
Power Module Dimensions (W x D x H) (mm)	438 X 750 X 130 / 3U		
Net Weight of Power Module	44 kg		
Protection Index (IP)	IP20		
Cable Entry	Bottom rear, Top (optional)		
AMBIENT CONDITIONS			
Operating Temperature [°C]	0 - 40		
Operating Humidity	0% - 95% non-condensing		
Operating Altitude	1000 mtr above msl, above suitable deration applicable		
Storage Temperature [°C]	-15 to 50		
Maximum Noise Audible at 1m [dBA]	75		
CONFORMITY AND STANDARDS**			
General Rules for Electric Safety	IEC 62040-1		
Electromagnetic Compatibility and Immunity (EMC)	IEC 62040-2		
Performances and Testing Rules	IEC 62040-3		
Environmental	IEC 62040-4 & PEP		
Declarations	Rohs / REACH		

NOTE: Specifications are subject to change due to continuous improvement.
*** Default Output & Manual Bypass Switch**
****Under process**

Ready to reengineer your enterprise's business continuity?

Talk to a Numeric expert for a custom consultation, demo, or quote.

SCAN TO FIND OUR NEAREST BRANCH

NUMERIC®

A Group brand | legrand®

Head Office: 183, 10th Floor, Centre Court - Office Block,
Nexus Vijaya Mall, Arcot Road, Vadapalani, Chennai - 600 026.

Contact our 24x7 Customer Excellence Centre:
Email: customer.care@numericups.com I Phone : 0484-3103266 / 4723266
www.numericups.com

NEDS/3PHM/CAT/03/V1/08-24