

# HPI 33 EVO

Three Phase UPS  
10 - 40 kW



**NEW ENERGY  
TO POWER**





# HPi 33 EVO

Three Phase UPS  
10 - 40 kW

THE EVOLUTION IS HERE

At Numeric, we have always been driven by need-based innovations and smart solutions that addresses the changing needs of our customers. Our all new HPi 33 EVO is the result of this constant drive to offer you the best solutions with respect to maximum power availability, reliability and high efficiency.

HPi 33 EVO is a true online double conversion UPS with APFC PWM IGBT based design that delivers unity output power factor. It supplies a rated output power of 10-40 kVA with kVA = kW. With upto 95% efficiency, HPi 33 EVO helps users have lowest total cost of ownership. HPi 33 EVO offers a seamless power protection solution and is ideally suited for mission critical applications in IT, ITeS, infrastructure, education, manufacturing, healthcare, small and medium data centers.

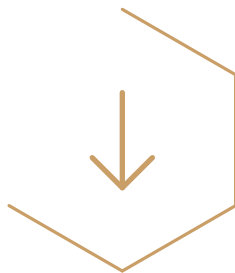


# Evolution In **PERFORMANCE**

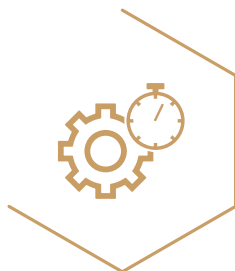
HPi 33 EVO is designed to provide a true evolution in high performance. It comes with an IGBT rectifier and inverter which delivers quality and efficient power output, making it an ideal choice for your mission critical applications. The power architecture is designed to offer maximum active power, upto 95% efficiency and a low THDi. The intelligent fan operation ensures optimal cooling by automatically regulating the temperature resulting in reduced operational costs and high efficiency levels.



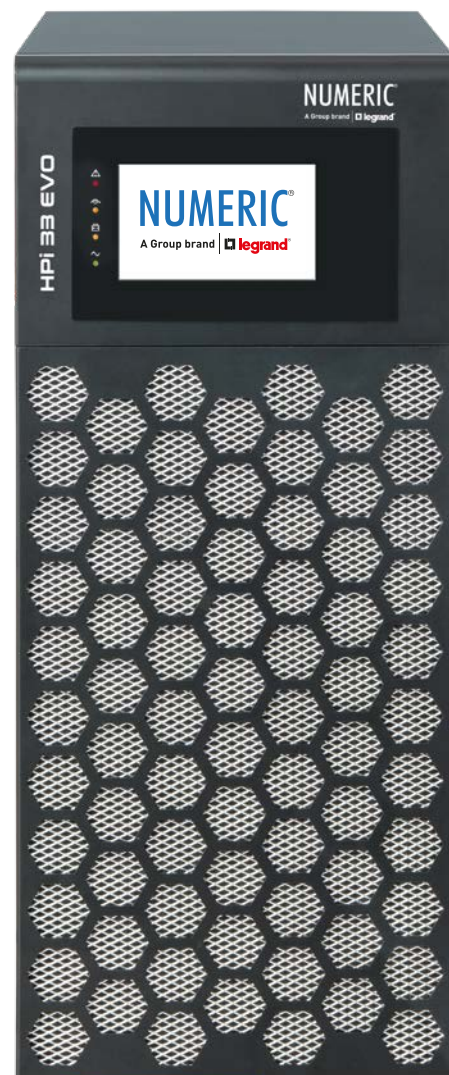
**Unity  
Power Factor**

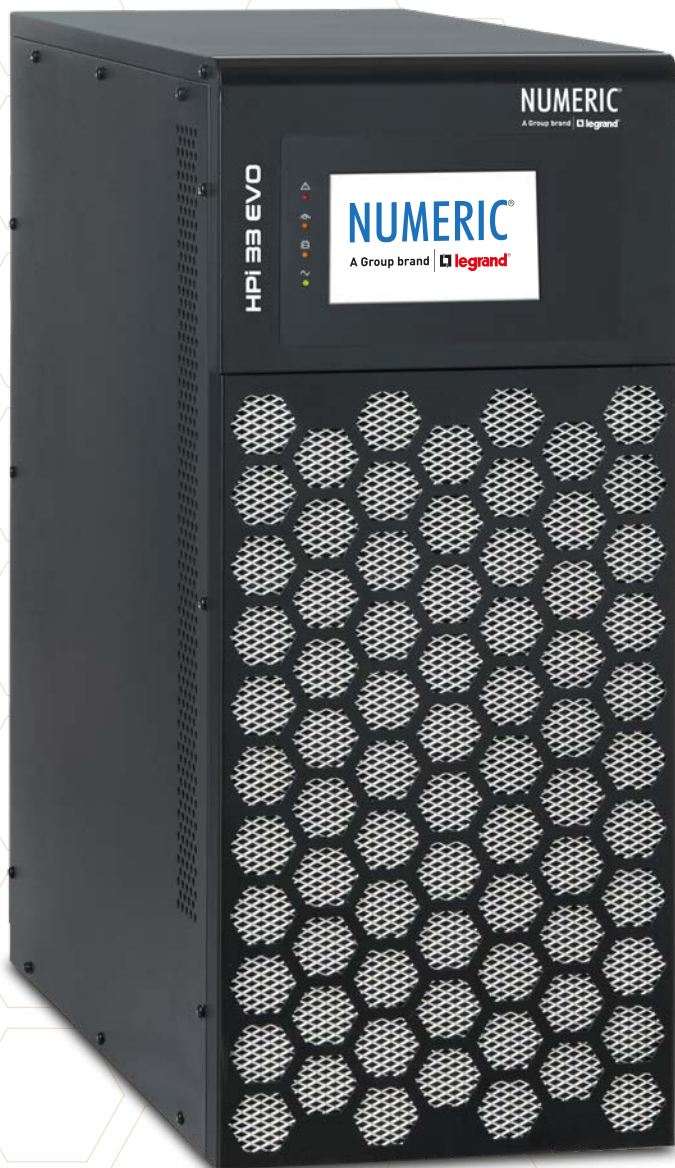


**Low  
Harmonics**



**Upto  
95% Efficiency**





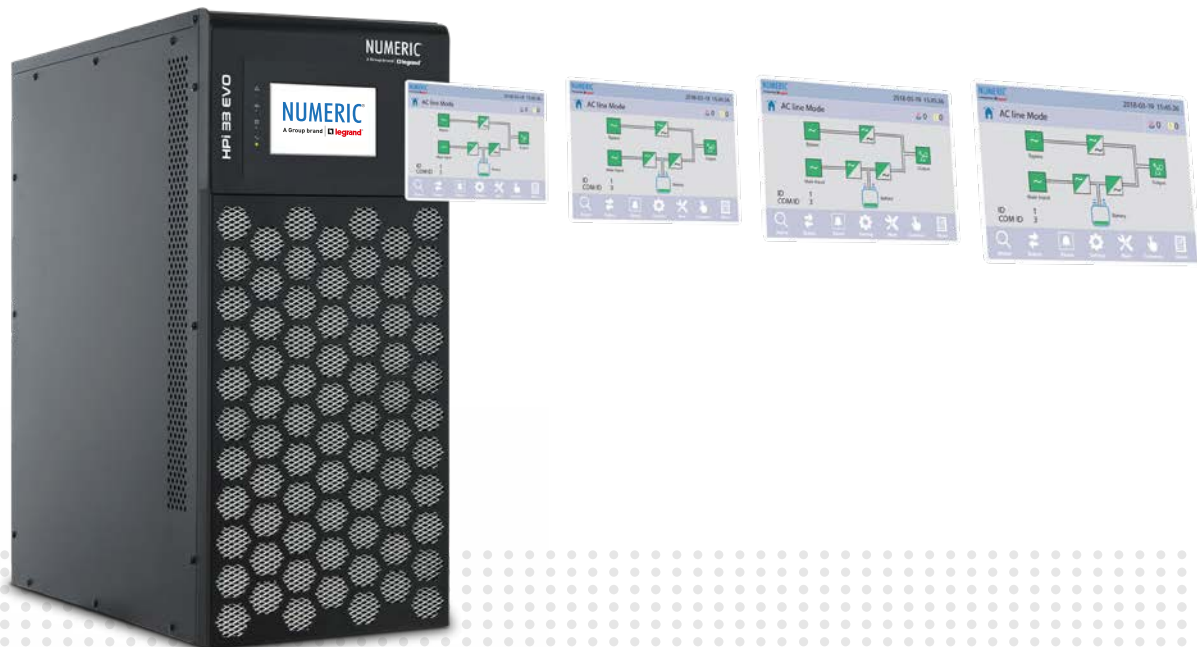
**Optimal Cooling**



**IGBT Rectifier**

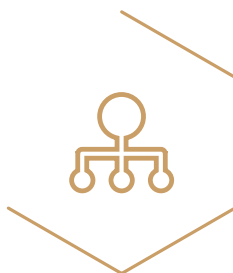
# Evolution In **EASE OF USE**

The 5" intuitive display is extremely user-friendly and helps in monitoring various system parameters like I/O voltage, battery parameters, output power/load PF, mimic power flow diagram, and history logs with ease. Designed to use upto 30% less space, the HPI 33 EVO has a compact footprint, results in significant reduction in real estate costs. It is also equipped with a wide range of external monitoring options like Simple Network Management Protocol (SNMP), Modbus, RS 232 and USB etc., which enables a user to remotely manage the UPS. These aspects of HPI 33 EVO represent an evolution in ease of use and contribute to its overall functionality.

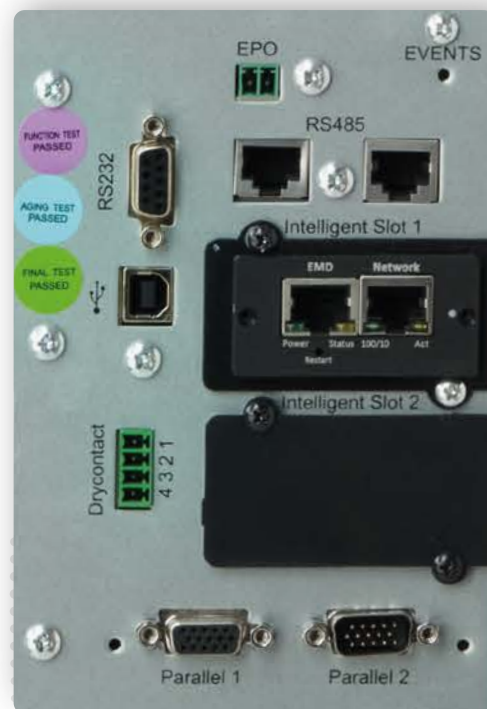




**Compact  
Footprint**

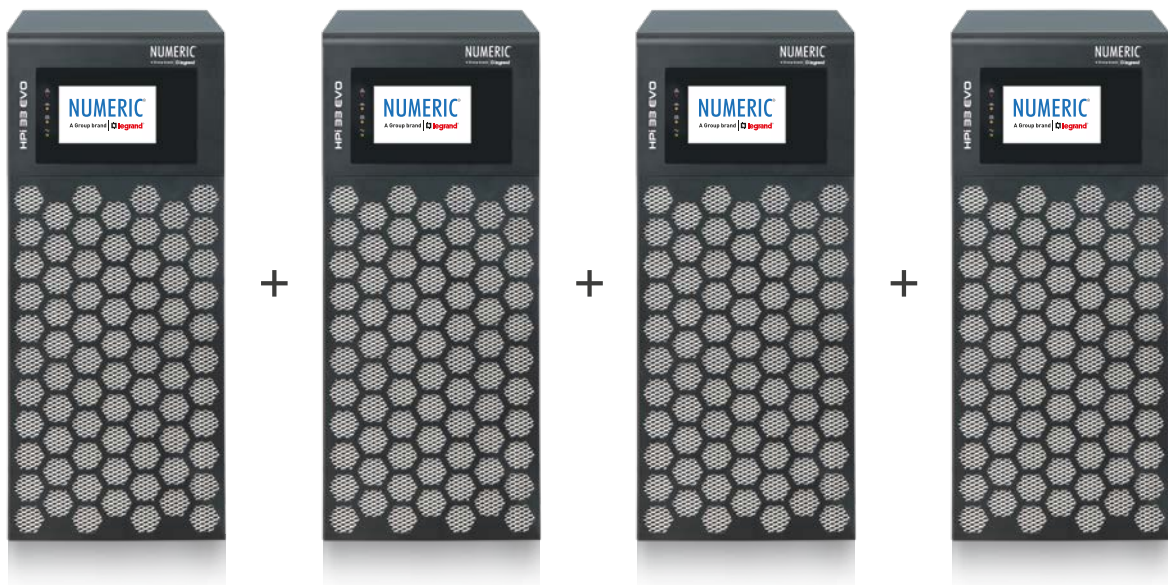


**Network  
Management  
Options**

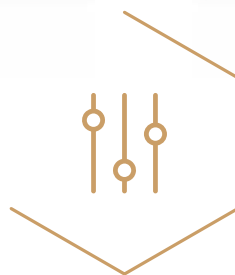


# Evolution In **FLEXIBILITY**

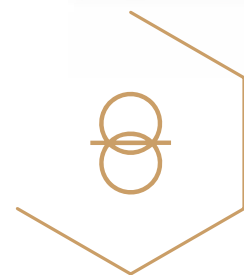
HPi 33 EVO allows N+X redundancy upto 4 UPSs in parallel operation, effectively reducing the risk of downtime. Additionally, it can be scaled up to 2 units in parallel within a common battery configuration to achieve increased reliability, efficient load sharing and highest power availability. Evolution in flexibility is also achieved by an advanced battery management function which enables users to optimize the performance and lifespan of the battery system. A flexible DC Bus provides a wide battery operating window and enables scalability of the system. The HPi 33 EVO also offers an optional isolation transformer that safeguards critical equipment from low-quality upstream power and enables its safe operation.



**N+X Redundancy**



**Common Battery Configuration**



**Isolation Transformer**





**Advanced Battery Management**



**Temperature Compensated Battery Charger**



**Selectable & Adjustable Battery Charging Current**



**Flexible DC Bus**

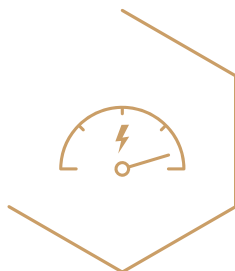
# Evolution In **PROTECTION**

When it comes to evolution in protection, the HPI 33 EVO scores on several fronts. The UPS is equipped with a dust filter which helps in protecting the UPS from dust particles.

A wide input voltage window enables it to operate within a broad range of input voltages, ensuring reliable performance and protection of connected equipment. The conformal coated PCBs provide protection against environmental factors, preventing corrosion and electrical failures, thereby increasing the reliability and longevity of the UPS. A built in phase reversal protection and correction system along with built in input, output and MBS switches ensure added protection to the equipment.



**Phase Reversal  
Correction**



**Wide Input  
Voltage Window**



**Dust Filter**





**Built-in Input,  
Output And  
MBS Switches**



**Conformal  
Coated Boards**



# HPI 33 EVO 10 - 40 kW

## Three Phase UPS

Cat. No.	NU 7206 505	NU 7206 506	NU 7206 507	NU 7206 508
<b>Rating</b>	10 kVA	20 kVA	30 kVA	40 kVA
<b>General Characteristics</b>				
Nominal Power (kVA)	10 kVA	20 kVA	30 kVA	40 kVA
Active Power (kW)*	10 kW	20 kW	30 kW	40 kW
Technology	Online Double Conversion VFI-SS-111			
Waveform	Pure Sinewave			
Architecture	Conventional UPS Parallelable upto 4 Units			
<b>Input Characteristics</b>				
Input Voltage	380/400/415 VAC - 3PH + N+Earth			
Input Frequency	45-55 Hz			
Input Voltage Range	320 VAC-476 VAC			
Input THDi	<4% @ Rated Linear Load	<3% @ Rated Linear Load		
Input PF	>0.99 @ Rated Linear Load			
<b>Output Characteristics</b>				
Output Voltage	400 VAC +/-1% 3-Ph + N + E (Settable to 380/400/415 VAC)			
Efficiency in Double Conversion Mode	Upto 93%	Upto 94%		Upto 95%
Output Frequency (Nominal)	50 Hz/60 Hz			
Crest Factor	3:1			
Overload Capacity	Upto 110% for 1 Hour,125% for 10 Min & 150% for 1 Min			
Efficiency in ECO Mode	>98%			
Isolation Transformer	Optional, Integrated			
<b>Battery Characteristics</b>				
Battery Type	VRLA, LiB			
Internal/Extrnal Batteries	External			
Battery Nominal Vdc	240 Vdc		480 Vdc	
Common Battery Configuration	Yes Upto 2 UPS*			
<b>Communication and Management</b>				
Display	5" Touch Screen LCD Display to monitor UPS status in real time			
Communication Port	RS232, RS485, Relay Contact			
Network Interface	Optional with SNMP			
REPO	Yes			
Alarms & Signals	All the required alarms & signals			
<b>Physical Characteristics</b>				
Unit Dimensions (W x H X D)	250 x 660 x 590 in mm			
Unit Net Weight	50 Kgs			
<b>Environmental Characteristics</b>				
Operating Temperature	0-40°C			
Degree of Protection	IP20			
Relative Humidity (%)	0-95% (Non-Condensing)			
Noise Level at 1m (dbA)	Max 65dbA at 100% Load			
<b>Standards &amp; Certifications</b>				
Safety	IEC 62040-1			
EMC	IEC 62040-2			
Performance & Testing	IEC 62040-3			
Other	CE, RoHS			

\*At 35 Degree Celsius

General Tolerance +/- 2mm

Note: Product specifications are subject to change due to continuous development. Please ask for confirmation given in the publication.

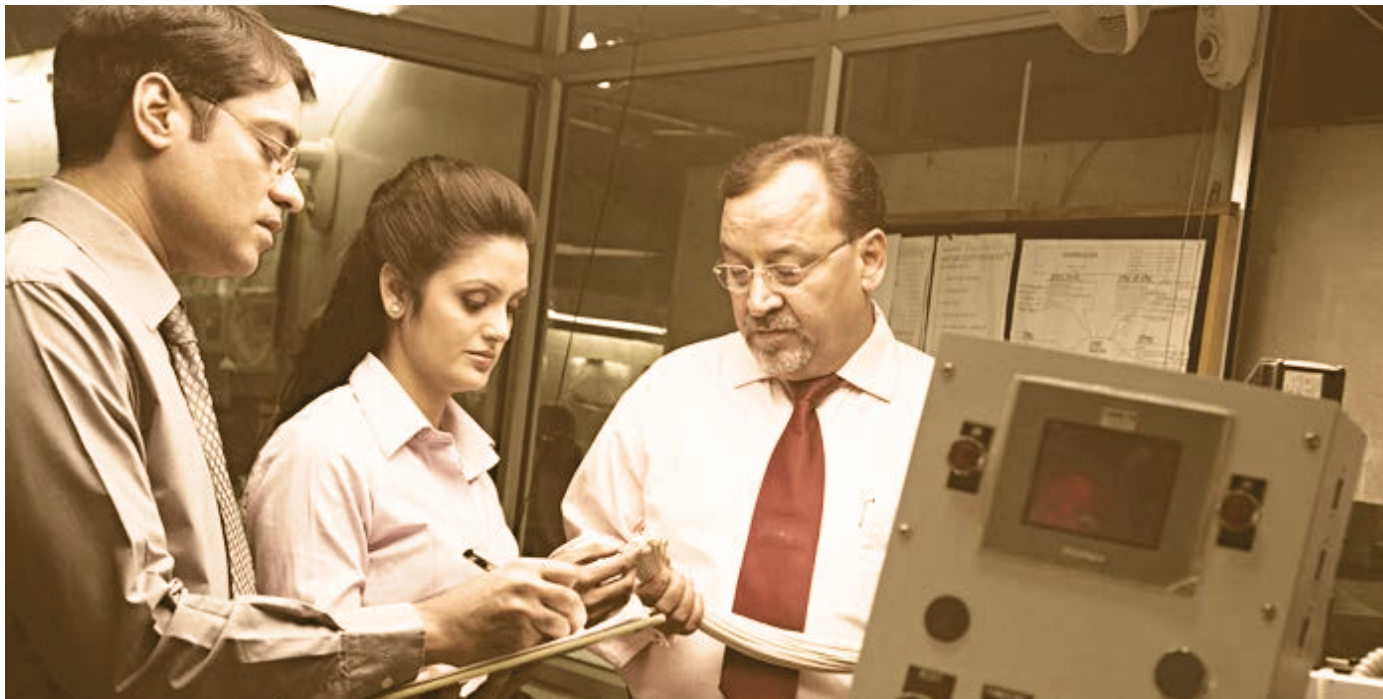


# SERVICE

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.



SCAN TO FIND OUR  
NEAREST BRANCH

# NUMERIC<sup>®</sup>

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

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