

**NEUROPOWER**

Powering Possibilities.  
Connecting Futures.



● Online UPS

● **Galleon One Tower**  
*Series*

# Galleon One Series (Tower)

The Galleon One Series is cohesively designed to revolve around resilience, and stability to operate with a high level of certainty and simplicity in a palpable environment. The series is commonly utilized for commercial-grade laboratory and hospital equipment, where the resilience of the unit to recover from downtime or voltage fluctuations acts as its source of vitality for any form of low power laboratory experimentation, critical life saving equipment and care providers.

Equipped with hot-swappable battery modules and efficient power management software, the series provides certainty and simplicity to the users through visibility; where data driven insights assist users to streamline the overall workflow in terms of productivity and address safety concerns such as overheating or battery issues to eliminate any possibility of data loss and equipment impairment.

The series includes 1-10kVA in two types of configuration - tower and rackmount, single phase output models with online double conversion technology. As simple as it can be, the Galleon One series is designed with a wide input voltage and ECO mode alongside a smart battery charger for better battery performance optimization.



**MEDICAL IMAGING  
SUPPORT**



**HOSPITAL  
EQUIPMENT**



**LABORATORY  
APPLICATION**

# Galleon One Tower Series 1kVA-10kVA features

Lock out the frequency at 50Hz or 60Hz to suit power sensitive devices with power factor 1.0 pure sinewave output using true double conversion technology.

## 1. Designed using digital microprocessors

UPS output is controlled and configured accurately to meet the desired reliability standards.

## 2. Programmable power management outlets

Allows easy monitoring and controlled experience of the UPS output voltage parameters.

## 3. Smart battery charger and ECO mode available

Designed for critical applications, this UPS optimizes energy saving and excellent battery performance. This is achievable through its ECO mode with a 96% efficiency and adjustable charging current.



Control panels for Galleon One 6K & 10K (left) and Galleon 1K-3K (right)

## 4. Built in smart communication port

Manage your power smartly by connecting to any communication port such as a USB port or RS232, Emergency Power Off (EPO) as a safety feature and intelligent slot (SNMP, dry contact or Modbus).



HID and smart slots can be found on Galleon One 6K and other Galleon One series



## 5. Wide input voltage

The UPS is designed with this feature to take in a wider range of input voltage, necessary for facilities or areas with unstable power supply. With this feature, the UPS will be able to supply uninterrupted power using the input supply power regardless of stability ensuring power continuity.



## 6. Hot swappable battery design and intelligent battery management

Batteries can be swapped smoothly without powering down the connected equipment thus eliminating battery replacement downtime and ensuring maximum power availability.

## 7. Adjustable number of batteries for models 6kVA and above.

Users may adjust the number of batteries between 16 up to 20 pieces for Galleon One 6K models and above. This is useful to extend the UPS's runtime and flexible power demands.

## 8. Optional N+X parallel redundant and capacity expansion

Opened for future power expansion, this ensures the total load demand is met by all the UPS sharing the load between themselves equally. If one of the UPS fails and needs maintenance, the remaining UPS system can continue supporting the load. Optional for Galleon One 6K and above models.

## 9. Built in maintenance bypass as safety control

Avoid possibilities of data loss and equipment damage due to overheating or equipment issues, this feature is vital for ensuring a constant and quality power supply. The feature is designed for Galleon One 6K and above models.

## 10. Optional isolation transformer for output as additional safety measure

In certain circumstances, the output of the UPS may be at a different voltage than the load requirement. As an additional safety feature, an isolation transformer helps ensure a clean power supply while putting user and device safety as a priority through its galvanic isolation.

# Galleon One Series Models

Comes in a variety of sizes, user friendly components and power rates to provide a versatile power protection solution.



Galleon One 1K



Galleon One 2K




Galleon One 3K

Galleon One 6K & Galleon One 10K  
*(with/ without battery box)*

# Technical Specification

Specification	Model	Galleon One 1K (KS)	Galleon One 2K (KS)	Galleon One 3K (KS)	Galleon One 6K (KS)	Galleon One 10K (KS)		
		Phase	Single Phase with Ground					
	Capacity (VA / W)	1000 / 1000	2000 / 2000	3000 / 3000	6000 / 6000	10000 / 10000		
Input	Nominal Voltage (VAC)	200/208/220/230/240			208/220/230/240			
	Input Voltage Range (VAC)	110 - 300 ± 3% @ 50% Load 160 - 300 ± 3% @ 100% Load			176 - 300 ± 3% @ 50% Load 186 - 290 ± 3% @ 100% Load			
	Frequency (Hz)	40 - 70			46 - 54 or 56 - 64			
	Power Factor	≥ 0.99 @ Nominal Voltage (100% Load)			≥ 0.99 @ Full Load			
	Total Harmonic Distortion (THDi)	≤ 5% at Nominal Input Voltage			< 4% @ 100% Load; < 6% @ 50% Load			
Output	Nominal Voltage (VAC)	200/208/220/230/240			208/220/230/240			
	Voltage Regulation	± 1%						
	Synchronized Frequency Range (Hz)	47 - 53 or 57 - 63			46 - 54 or 56 - 64			
	Battery Mode Frequency Range (Hz)	50 ± 0.1 or 60 ± 0.1						
	Harmonic Distortion (THD)	Linear Load: ≤ 2%; Non-Linear Load: ≤ 4%			Linear Load: ≤ 1%; Non-Linear Load: ≤ 4%			
	Crest Factor	3 : 1						
	Transfer Time (ms)	AC Mode to Batt Mode	0					
		Inverter to Bypass	4			0		
	Waveform	Pure Sine Wave						
	Outlet	2 x British Sockets	4 x British Sockets		Terminal / Hard Wire			
Efficiency	AC Mode	≥ 89%	≥ 91%		94%			
	ECO Mode	≥ 96%			98.5%			
	Battery Mode	≥ 88%	≥ 90%		91%			
Battery	Standard Model	Battery Type	12V9AH (SLA)			12V7AH (SLA)	12V9AH (SLA)	
		Quantity (pcs)	2	4	6	20		
		Recharge Time	3 hours recover to 95% capacity for internal battery at 2A charging current			4 hours recover to 95% capacity for internal battery		
		Charging Current (A)	2 - 12 (Adjustable)		2 - 8 (Adjustable)		1 - 4 (Adjustable)	
	KS Model	Battery Type	SLA, Depending on the capacity of external batteries					
		Quantity (pcs)	2	4	6	16-20		
		Charging Current (A)	2 - 12 (Adjustable)		2 - 8 (Adjustable)		1 - 4 (Adjustable)	
		Charging Voltage (VDC)	27.4 ± 1%	54.8 ± 1%	82.1 ± 1%	273.0 ± 1%		
Display	LCD Display	UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer and Fault Conditions						
	Battery Mode	Beeping every 5 seconds			Beeping every 4 seconds			
Audible Alarm	Battery Low	Beeping every 2 seconds			Beeping every second			
	Overload	Beeping every second			Beeping twice every second			
	Fault	Beeping Continuously						
	Physical	Standard Model	Dimension, W x D x H (mm)	145 x 397 x 220	190 x 421 x 318		250 x 592 x 576	
Weight (kg)			11.7	20.3	28.0	81.0	83.0	
KS Model		Dimension, W x D x H (mm)	145 x 397 x 220	190 x 421 x 318		250 x 592 x 576		
		Weight (kg)	6.6	9.9	12.3	25.0	27.0	
Communications	Interface Port	USB, Smart RS-232 & Intelligent Slot			USB, Smart RS-232 EPO & Intelligent Slot			
	Intelligent Slot	Power Management from SNMP manager and web browser						
Power Management	Software	Support Windows 2000/2003/XP/Vista/ 2008/7/8/10, Linux and MAC operating systems			Support Windows Family, Unix, Linux, Ubuntu, Solaris & MAC operating systems			
Operating Environment	Temperature and Humidity	20 - 90% RH @ 0°C - 40°C (Non-Condensing)						
	Noise Level @ 1 Meter (dB)	< 50			< 55	< 58		
Design Standards	Safety and EMC	EMC EN 62040-2 C2 for CE models						

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