

NEUROPOWER

Powering Possibilities.
Connecting Futures.



● Online UPS

● **Galleon One**
Rackmount *Series*

● Galleon One Series

(Rackmount)

The Galleon One Series is cohesively designed to revolve around resilience and stability and it operates 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**



**SURGICAL
SUPPORT**



**LABORATORY
APPLICATION**

Galleon One Rackmount Series 1kVA-10kVA features

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



Control panels for Galleon One 1KR to 3KR (left) and Galleon One 6KR and 10KR (right)

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 control experience of the UPS parameters.



3. Smart battery charger and ECO mode are 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 its adjustable charging current through the LCD.

4. Hot swappable battery design and intelligent battery management

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

5. Adjustable number of batteries for models 6kVA and above.

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



6. 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 6KR and other Galleon One Rackmount series

7. 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.

8. Fault tolerance design with parallel capability

Helps to ensure that the system continues to perform with no interruption when any of its components fail through a parallel system

9. 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.

10. 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.

11. 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. 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 Rackmount Series Models

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



Front view
Galleon One
1KR to 3KR



Front view
Galleon One
6KR & 10KR

Rear view of Galleon One Rackmount series



Galleon One 1KR



Galleon One 3KR



Galleon One 2KR



Galleon One 6K & 10KR

Technical Specification

	Model		Galleon One RT 1K (KS)	Galleon One RT 2K (KS)	Galleon One RT 3K (KS)	Galleon One RT 6K (KS)	Galleon One RT 10K (KS)	
Specification	Phase		Single Phase with Ground					
	Capacity (VA / W)		1000 / 1000	2000 / 2000	3000 / 3000	6000 / 6000	10000 / 10000	
	Nominal Voltage (VAC)		200/208/220/230/240			208/220/230/240		
Input	Input Voltage Range (VAC)		110 - 300 ± 5% @ 50% Load 160 - 300 ± 5% @ 100% Load			110 - 300 ± 3% @ 50% Load 176 - 300 ± 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		
	Nominal Voltage (VAC)		200/208/220/230/240			208/220/230/240		
Output	Voltage Regulation		± 1%					
	Synchronized Frequency Range (Hz)		47 - 53 or 57 - 63					
	Battery Mode Frequency Range (Hz)		60 ± 0.1 or 50 ± 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		8 x IEC Sockets			8 x IEC + 1 x C20 IEC Sockets	Terminal Block	
	Efficiency	AC Mode		≥ 89%	≥ 91%		94%	
ECO Mode		≥ 96%			98.5%			
Battery Mode		≥ 88%	≥ 90%		92%			
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)	
		Charging Voltage (VDC)	27.4 ± 1%	54.8 ± 1%	82.1 ± 1%	273.0 ± 1%		
	KS Model	Battery Type	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%	(13.65 x battery number) ± 1%			
Display	LCD Display		UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer and Fault Conditions					
Audible Alarm	Battery Mode		Beeping every 5 seconds			Beeping every 4 seconds		
	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)	438 x 410 x 88 (2U)	438 x 510 x 88 (2U)	438 x 630 x 88 (2U)	UPS:438 x 610 x 88 (2U) EBM:438 x 580 x 133 (3U)		
		Weight (kg)	11.6	19.5	27.5	UPS: 17 EBM: 57	UPS: 20 EBM: 63	
	KS Model	Dimension, W x D x H (mm)	438 x 410 x 88 (2U)	438 x 510 x 88 (2U)	438 x 630 x 88 (2U)	UPS: 438 x 610 x 88 (2U)	UPS: 438 x 610 x 88 (2U)	
		Weight (kg)	6.6	9.4	12.4	UPS: 17 EBM: 57	UPS: 20 EBM: 63	
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					

- Derate capacity to 80% when the output voltage is adjusted to 200 VAC or 208 VAC.
- If the UPS is installed or used in place where the altitude is above 1000m, the output power will be derated by 1% per 100m.

