

NEUROPOWER

Powering Possibilities.
Connecting Futures.



● Online UPS

● **Galleon Pro III Tower**
Series

Galleon Pro III Series

(Tower)

The Galleon Pro III series' unique new technology allows users to choose one out of the three input/output configurations as desired for UPS capacity ranging from 10kVA to 20kVA. For UPS capacity above 100kVA (3 phase), its unique modular design supports critical applications in the IT, commercial and medical industries using three separate modules in one UPS system with a power factor of 1.0 for maximum efficiency and redundancy.

For minimum downtime, the unique system's power modules, communicator modules and even terminals are swappable for trained personnel via front door access making maintenance so much easier and less time consuming. The Galleon Pro III's unparalleled leading edge unique technology, allows users to enjoy the benefits of modular UPS systems at a feasible tower UPS cost, making the Galleon Pro III very much desirable when replacing old UPS systems regardless of industry and applications.



**MEDICAL IMAGING
SUPPORT**



DATA CENTER



**CRITICAL
APPLICATION**

Galleon Pro III Tower Series

10kVA-200kVA features

True online double conversion technology for pure sine wave output at 98% efficiency on ECO mode with energy saving operations.

1. DSP technology with active power factor correction in all phases

Perfect for critical applications, this feature ensures users with a high output performance from the UPS at a high power efficiency (96% with output power factor 1.0).

2. Pluggable power modules, communicator modules and terminals

Benefitting users with modular design through its swappable modules in parallel mode. It minimizes UPS's downtime with an easier and less time consuming maintenance process (MTTR reduction).

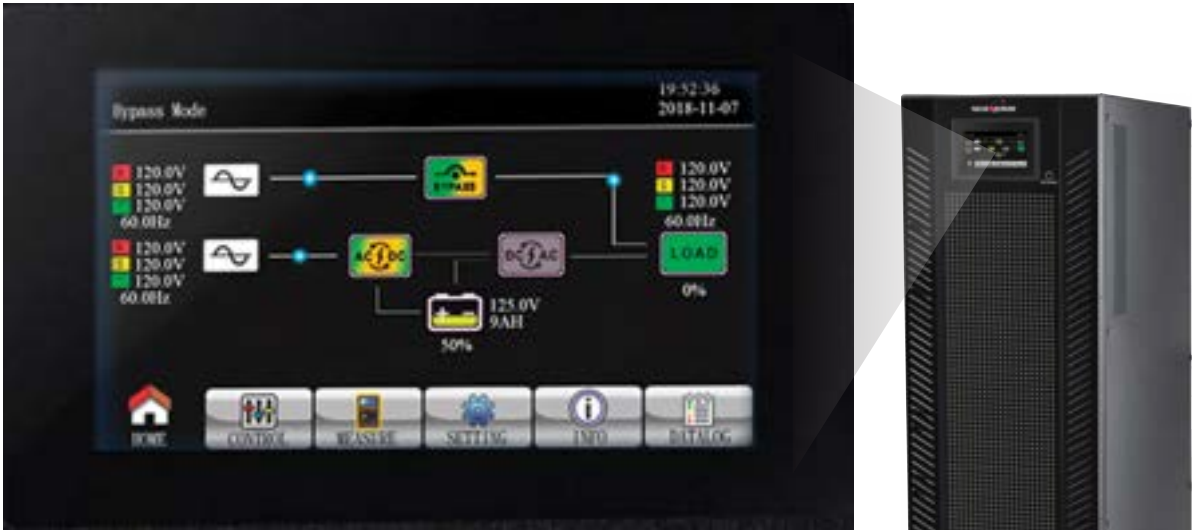
3. N+X parallel redundancy up to 4 units

Suitable for critical applications with high power consumption. Ensuring 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 can continue supporting the load.

4. Cold start capability

Turns on the UPS for start-up check with battery power without using the input power supply. Useful to examine the battery's function, the condition of the input power and also a way to switch on the UPS due to a power outage.





Control panels for Galleon Pro III 60K and other Galleon Pro III series

5. Comprehensive coloured touch screen LCD display with voice notification (5 inch & above)

Allows easy monitoring and control experience of the UPS parameters. This includes load level, battery level, input or output voltage, discharge time and fault conditions.

6. Configurable phases for models 10kVA - 20kVA models

A unique technology that allows users to choose one out of the three input or output configurations available to suit their power protection needs to perform efficiently. Input & output configurations for 10kVA - 20kVA includes [1Ph to 1 Ph] / [3Ph to 1Ph] / [3Ph to 3Ph].

7. Built in with a supercharger and multistage charging

Allows greater battery rating connections while optimizing battery performance through 3 stage charger design. This is essential for its critical applications where long backup time is needed on top of basic power protection which includes clean, consistent and reliable power connectivity.

8. Adjustable battery charging current and battery configuration

Giving users the convenience of ensuring an optimum charging current for all battery ratings used to have a longer battery backup time.

9. Dynamic password setting available

Set a dynamic password for additional security purposes and to avoid jeopardy to UPS performance by unauthorized personnel.



10. Generator compatible

UPS can be installed in residential or commercial properties with generators on standby. In the event of an extended power outage, the UPS ensures a stable and clean uninterrupted power supply to the essential equipment for its maximum protection and efficiency.

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 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 Pro III Models

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



Galleon Pro III 10K - 20K



Galleon Pro III 30K - 60K




Galleon Pro III 80K - 200K



Technical Specification

Specification	Model	GP III 10K (KS)	GP III 15K (KS)	GP III 20K (KS)	GP III 30K (KS)	GP III 40K (KS)	GP III 60 KS	GP III 80 KS	GP III 100KS	GP III 120KS	GP III 160KS	GP III 180KS	GP III 200KS	
	Phase	Single Phase / Three Phase with Ground			Three Phase with Ground									
Capacity	KVA	10	15	20	30	40	60	80	100	120	160	180	200	
	KW	10	15	20	30	40	60	80	100	120	160	180	200	
Input	Nominal Voltage (VAC)	Single Phase 220/230/240 (2 Wires, 1 Phase + N + E) Three phase 3 x 380/400 /415 (4 Wires, 3 Phases + N + E)			Three phase 3 x 380/400/415 (4 Wires, 3 Phases + N + E)									
	Input Voltage Range (VAC)	190 - 520 (3Ph) @ 50% Load; 305 - 478 (3Ph) @ 100% Load						110 - 300 @ 50% Load; 176 - 276 @100% Load						
	Frequency Range (Hz)	46 - 54 or 56 - 64			46 - 54 or 56 - 64			40 - 70						
	Power Factor	≥ 0.99 @ 100% Load												
	Total Harmonic Distortion (THDI)	< 4% @ Full Load						< 3% @ Full Load						
Output	Nominal Voltage (VAC)	Single Phase 220/230/240 (2 Wires, 1 Phase + N + E) Three phase 3 x 380/400 /415 (4 Wires, 3 Phases + N + E)			Three Phase 3 x 360*/380/400/415 (4 Wires, 3 Phases + N + E)									
	Regulation	± 1%												
	Frequency Range (Hz)	46 - 54 or 56 - 64												
	Battery Mode Frequency Range (Hz)	±1%												
	Waveform	Pure Sine Wave												
	Voltage total harmonic distortion (THDv)	Linear Load: < 2% ; Non-Linear Load: < 5%						Linear Load: < 1% ; Non-Linear Load: < 3%						
	Overload Capability	100 - 110%: 60 mins; 111 - 125% 10 mins; 126-150%: 1 min; >150%: 400ms												
	Crest factor	3 : 1												
Bypass	Outlet	Terminal Block												
	Nominal Voltage (VAC)	Single Phase 220/230/240 (2 Wires, 1 Phase + N + E) Three phase 3 x 380/400 /415 (4 Wires, 3 Phases + N + E)			Three Phase 3 x 380/400/415 (4 Wires, 3 Phase + N + E)									
	Input Voltage Range (VAC)	- 30% to + 20% (Adjustable)												
	Synchronized Frequency Range (Hz)	46 - 54 or 56 - 64												
Efficiency	Overload Capability	>150%: 1 min (default), continuously working until breaker protection kicks in (optional)												
	AC Mode	95.50%						95.5%						
	ECO Mode	98.50%						99.0%						
	Battery Mode	94.50%						96.0%						
Battery	Standard Model	Capacity	12V9AH	12V7AH	12V9AH	12V 7AH	12V 9AH	Built in battery model not available for 60KVA and above						
		Quantity (pcs)	(10+10 pcs)	(16+16 pcs)	(16+16) pcs x 2 strings									
		Recharge Time	9 hours recover to 90% capacity (default)											
		Charging Ampere (A)	1 -12 (Adjustable)											
	KS Model	Charging Voltage (VDC)	136 ± 10%	218 ± 10%										
		Quantity (pcs)	(10+10 pcs)	(16+16 pcs)	32-40 user adjustable, 3 poles positive, mid point, negative									
Display	LCD Display	Battery Type	12V Sealed Lead Acid											
		Charging Ampere (A)	1-12 (Adjustable)						1-18 (Adjustable)	2-24 (Adjustable)	2-36 (Adjustable)	3-54 (Adjustable)		
		Charging Voltage (VDC)	136 ± 10%	218 ± 10%	± 13.65 x N (N=16-20)									±13.7 x N (N= 16-20)
Operating Environment	Temperature and Humidity	0 - 40°C and 0 - 95% Without Condensation												
	Noise Level @ 1 Meter (dB)	< 55	< 58	< 60	< 70	< 70	< 75	< 75						
Physical	Dimension, W x D x H (mm)	250 x 626 x 750			300 x 815 x 1000			360 x 790 x 1010			600 x 974 x 1600			
	Weight (kg)	With Battery	125	139	225	250	Not Applicable							
		Without Battery	28	43	60	61	74	113	241	286	382			
Power Management	Enclosure Protection	IP 20												
	Smart RS 232/ USB	Supports Windows 2000/2003/XP/ Vista/2008, Windows 7/8/10, Linux and Mac operating systems												
Design Standards	Optional	SNMP card for remote monitoring via network, modbus card for BMS system												
	Safety	EN 62040-1-2, EN 60950-1												
	Electromagnetic Compatibility (EMC)	EN 61000-2, EN 61000-4												
	Operating	VFI-SS-111 in accordance with EN 62040-3												
	Design	CE												

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