

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 60kVA (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.

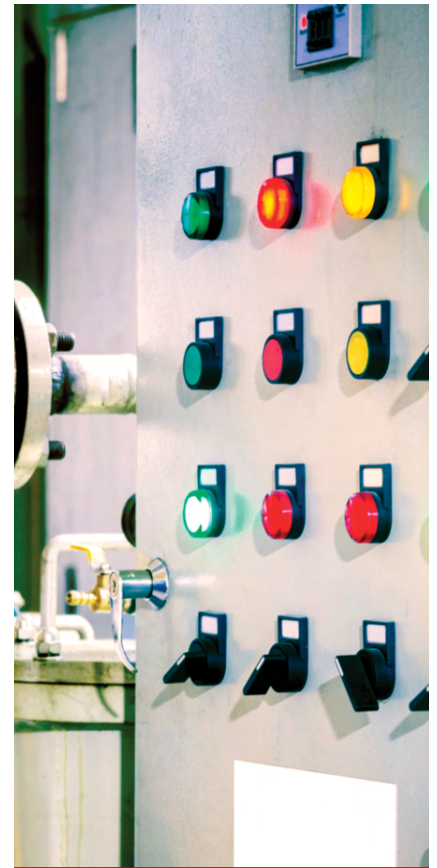
For minimum downtime, the unique system's power modules, communicator modules and even terminals are swappable for trained personnel via front door access making maintenance so much easier and less time consuming. The Galleon Pro III's unparalleled leading edge unique technology, allows users to enjoy 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-300kVA features

True online double conversion technology for pure sine wave output at 98.5% 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. Front access pluggable power modules

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

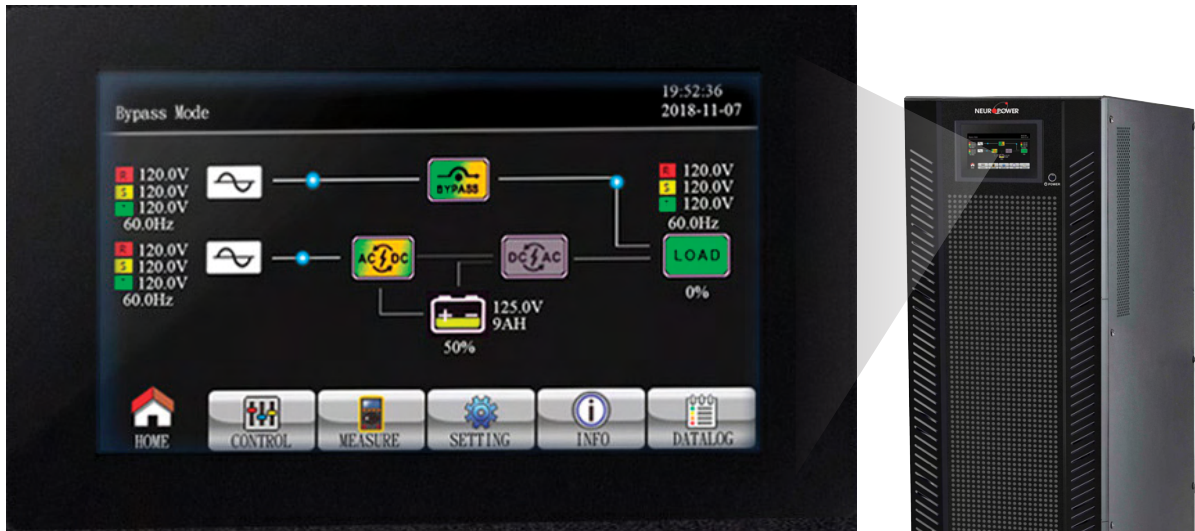
3. N+X parallel redundancy up to 4 units

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. Power walk-in function with dual mains input design

UPS gently starts up by gradually increasing the power supplied from the utility source to the load while ensuring the output voltage and current reaches the required level. This does not stress the components thus extending the UPS lifespan and enhancing safety during high power start up. The dual mains input design allows the UPS to accept power from two sources for greater flexibility and resilience.





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

5. Comprehensive coloured touch screen LCD display with voice notification (5 - 7 inches)

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. Built in 4 essential switches

UPS comes with main input switch, bypass input switch, output switch and maintenance bypass switch reducing time, cost and labour to install an additional accessory to perform similar functions.

9. Dynamic password setting available

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



10. Compatible with lithium ion batteries (LiFePO₄) and generators

60kVA - 300kVA Galleon Pro III UPS can be installed with lithium ion batteries for longer backup power at lower carbon footprint. All UPS can be installed at 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 - 40K



Galleon Pro III 60KS - 300KS (right to left)

Technical Specification

Specification	Model		GP III 10K (KS)	GP III 15K (KS)	GP III 20K (KS)	GP III 30K (KS)	GP III 40K (KS)	
	Phase		Single Phase / Three Phase with Ground			Three Phase with Ground		
	Capacity	KVA	10	15	20	30	40	
KW		10	15	20	30	40		
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					
	Frequency Range (Hz)		46 - 54 or 56 - 64					
	Power Factor		≥ 0.99 @ 100% Load					
	Total Harmonic Distortion (THDi)		< 4% @ 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%					
	Overload Capability		100 - 110%: 60 mins 111 - 125%: 10 mins 126-150%: 1 min >150%: 400ms					
	Crest factor		3 : 1					
Outlet		Terminal Block						
Bypass	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)		- 30% to + 20% (Adjustable)					
	Synchronized Frequency Range (Hz)		46 - 54 or 56 - 64					
	Overload Capability		>150%: 1 min (default), continuously working until breaker protection kicks in (optional)					
Efficiency	AC Mode		95.50%					
	ECO Mode		98.50%					
	Battery Mode		94.50%					
Battery	Standard Model	Capacity	12V9AH	12V7AH	12V9AH	12V 7AH	12V 9AH	
		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)					
		Charging Voltage (VDC)	136 ± 10%	218 ± 10%				
	KS Model	Quantity (pcs)	(10+10 pcs)	32-40 user adjustable, 3 poles positive, mid point, negative				
		Battery Type	12V Sealed Lead Acid					
		Charging Ampere (A)	1-12 (Adjustable)					
		Charging Voltage (VDC)	136 ± 10%	± 13.65 x N (N =16-20)				
Display	LCD Display		Colour LCD with Touch Screen and Mimic Flow For UPS Status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer and Fault Conditions					
Operating Environment	Temperature and Humidity		0 - 40°C and 0 - 95% Without Condensation					
	Noise Level @ 1 Meter (dB)		< 55	< 58			< 60	< 70
Physical	Dimension, W x D x H (mm)		250 x 630 x 826			300 x 815 x 1000		
	Weight (kg)	With Battery	98	118.5	133.5	214	241	
		Without Battery	40	45	45	64	74	
	Enclosure Protection		IP 20					
Power Management	Smart RS 232/ USB		Supports Windows 2000/2003/XP/ Vista/2008, Windows 7/8/10, Linux and Mac operating systems					
	Optional		SNMP card for remote monitoring via network, modbus card for BMS system					
Design Standards	Safety		EN 62040-1-2, EN 60950-1					
	Electromagenetic Compatibility (EMC)		EN 61000-2, EN 61000-4					
	Operating		VFI-SS-111 in accordance with EN 62040-3					
	Design		CE					

Technical Specification

Specification	Model		GP III 60 KS	GP III 80 KS	GP III 100KS	GP III 120KS	GP III 180KS	GP III 200KS	GP III 240KS	GP III 300KS
	Parallel Capability		Up to 4						Up to 2	
	Single Unit Capacity	KVA	60	80	100	120	180	200	240	300
		KW	60	80	100	120	180	200	240	300
Input	Nominal Voltage (VAC)		Three phase 3 x 380/400/415 (4 Wires, 3 Phases + N + E)							
	Input Voltage Range (VAC)		110 - 300 @ 50% Load 184 - 276 @100% Load 110 - 300 @ 50% Load 190 - 276 @100% Load (For 80KVA only)							
	Frequency Range (Hz)		40 - 70							
	Power Factor		≥ 0.99 @ 100% Load							
	Total Harmonic Distortion (THDi)		< 5% @ Full Load	< 4% @ Full Load						
Output	Nominal Voltage (VAC)		Three Phase 3 x 380/400/415 (4 Wires, 3 Phases + N + E)							
	Regulation		± 1% (Balanced load) ± 2% (Unbalanced load)							
	Frequency Range (Hz)		46 - 54 or 56 - 64							
	Nominal Frequency (Hz)		50 or 60							
	Waveform		Pure Sine Wave							
	Voltage total harmonic distortion (THDv)		Linear Load: < 2% Non-Linear Load: < 4%							
	Overload Capability		100 - 110%: 60 mins 111 - 125%: 10 mins 126-150%: 1 min >150%: 200ms							
	Crest factor		3 : 1							
	Outlet		Terminal Block							
Bypass	Nominal Voltage (VAC)		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							
	Overload Capability		100 - 110%: 60 mins 111 - 125%: 10 mins 126 - 150%: 1 min >150%: 200ms							
Efficiency	AC Mode		95%	95.50%						
	ECO Mode		98%	98.50%						
	Battery Mode		94%	94.50%						
Battery	Nominal Voltage (V)		+/- 192 - 240	+/- 240	+/- 192 - 240					
	Maximum Voltage (V)		+/- 240V (12V x 40pcs)							
	Minimum Voltage (V)		+/- 192	+/- 240	+/- 192					
	Floating Charge Voltage (V)		2.28 / Cell (2.25 - 2.33 Selectable)							
	Boost Charging Voltage (VDC)		2.35 / Cell							
	Temperature Compensation		Yes							
	Maximum Charging Current (A)		18		24	36	54		72	90
Operating Environment	Temperature and Humidity		0 - 40°C and 0 - 95% Without Condensation							
	Altitude*		< 1000m for nominal power							
Physical	Dimension, W x D x H (mm)		320 x 1000 x 800	430 x 1000 x 1200			600 x 1000 x 1200		600 x 1100 x 1475	
	Net weight (kg)		88	169	169	169	249	249	360	396
	Enclosure Protection		IP 20							
Power Management	Smart RS 232/ USB		Supports Windows, Linux and Mac operating systems							
	Optional		SNMP card for remote monitoring via network, modbus card for BMS system							
Design Standards	Safety		IEC/EN 62040-1							
	Electromagenetic Compatibility (EMC)		IEC/EN 62040-2, Category 3							
	Design		CE							

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