

# Galleon III Rack/Tower



- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction 0.99
- Output power factor 1.0
- 50/60 Hz Frequency Converter Mode
- Wide input voltage (110 V – 300 V)
- ECO mode for energy saving
- Smart battery charger design to optimize battery performance
- Comprehensive display allows easy monitoring and access of UPS status
- SNMP/USB/RS-232 multiple communications
- Generator compatible

## Galleon III Rack/Tower Online UPS Selection Guide

MODEL		Galleon III 1K-2B(L)	Galleon III 1K-3B(L)	Galleon III 1.5K(L)	Galleon III 2K-4B(L)	Galleon III 2K-6B(L)	Galleon III 3K(L)
PHASE		Single phase with ground					
CAPACITY *		1000 VA / 1000 W		1500 VA / 1500 W	2000 VA / 2000 W		3000VA / 3000W
INPUT							
Nominal Voltage		200*/208*/220/230/240 VAC					
Input Voltage Range		110 ~ 300 VAC (Based on load at 50%) 160 ~ 300 VAC (Based on load at 100%)					
Frequency Range		40 Hz ~ 70 Hz					
Power Factor		≥ 0.99 @ nominal voltage (100% load)					
THDI		≤ 5% @ nominal voltage (100% load)					
OUTPUT							
Output Voltage		200*/208*/220/230/240 VAC					
AC Voltage Regulation (Batt. Mode)		± 1 %					
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz					
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz					
Current Crest Ratio		3:1					
Harmonic Distortion		≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC to DC	Zero					
	Inverter to Bypass	4 ms (Typical)					
	ECO to Battery mode	8 ms (Typical), 10 ms(max)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
ECO mode @ full charged battery		96%		97%	97%		
AC Mode @ full charged battery		92%		92%	93%		94%
Battery Mode		86%	89%	89%	88%	89%	91%
BATTERY							
Standard Model	Battery Type	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah
	Numbers	2	3	3	4	6	6
	Typical Recharge Time	4 hours recover to 90% capacity for internal battery					
	Charging Current (CC)	1.5A					
Long-run Model	Charging Voltage (FV)	27.4VDC ± 1%	41.0VDC ± 1%	41.0VDC ± 1%	54.8VDC ± 1%	82.2VDC ± 1%	82.2VDC ± 1%
	Battery Type and Numbers	12V x 2 pcs	12V x 3 pcs	12V x 3 pcs	12V x 4 pcs	12V x 6 pcs	12V x 6 pcs
	Charging Current (max.)	8A(1A/2A/4A/6A/8A adjustable through LCD)					
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	41.0VDC ± 1%	54.8VDC ± 1%	82.2VDC ± 1%	82.2VDC ± 1%
INDICATORS							
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator Via LCD					
PHYSICAL							
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88		510 x 438 x 88	550 x 438 x 88	
	Net Weight (kgs)	11	13.5	14.7	19	23	26.7
Long-run Model	Dimension, D x W x H (mm)	310 x 438 x 88					
	Net Weight (kgs)	5.2		6.7		7.4	
ENVIRONMENT							
Humidity		20-95 % RH @ 0 - 40°C (non-condensing)					
Noise Level		Less than 50dBA @ 1 Meter with Fan speed control					
MANAGEMENT							
Smart RS-232 or USB		Supports Windows® family, Linux, Unix and MAC					
Optional external Slot (for SNMP, Dry contact, ...)		Power management from SNMP manager and web browser					
STANDARD							
EMC/Safety		CE (EMC: EN62040-2 C2)					

\* Derate capacity to 80% when the output voltage is adjusted to 200VAC/208VAC.  
Product specifications are subject to change without further notice.