

# Galleon II Tower 1-3KVA



Galleon II 2K/3K

Galleon II 1K/1.5K

- True double-conversion online UPS
- Input power factor correction 0.99
- Output power factor 0.9
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Very high surge immunity up to 7KV, 13KA, 1300J
- Generator compatible
- High overload capability and enhanced short circuit protection
- SNMP/USB/RS-232 multiple communications
- 3-stage smart charging design
- Maximum 8A extended parallel control available for long run model
- Optional HID Power Device USB Port
- Laser printer and ultrasound system load acceptable

## Galleon II Online UPS Selection Guide

MODEL	Galleon II 1K (L)		Galleon II 1.5K (L)		Galleon II 2K (L)		Galleon II 3K (L)		
PHASE	Single phase with ground								
CAPACITY	1000 VA / 900 W		1500 VA / 1350 W		2000 VA / 1800 W		3000 VA / 2700 W		
<b>INPUT</b>									
Nominal Voltage	100/110/115/120/127 VAC or 200/208/220/230/240 VAC								
Voltage Range	55 - 150 VAC ± 5 % or 110 - 300 VAC ± 5 % at 50% load 80 - 150 VAC ± 5 % or 160 - 300 VAC ± 5 % at 100% load								
Frequency Range	40 Hz ~ 70 Hz								
Power Factor	≥ 0.99 @ Nominal Voltage (100% Load)								
THDi	≤ 5% @100~130VAC or 205-245VAC THDU < 1.6% @ input and full linear load condition with battery fully charged								
<b>OUTPUT</b>									
Output Voltage	100/110/115/120/127 VAC or 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) ; ≤ 4 % THD (Non-linear Load)								
Transfer Time	AC Mode to Batt. Mode	Zero							
	Inverter to Bypass	4 ms (Typical)							
Waveform (Batt. Mode)	Pure Sinewave								
<b>EFFICIENCY</b>									
AC Mode	90%				91%				
ECO Mode	97%								
Battery Mode	89%		89%		89%		90%		
<b>BATTERY</b>									
Standard Model	Battery Type	12 V / 7 Ah		12 V / 9 Ah		12 V / 7 Ah		12 V / 9 Ah	12 V / 7 Ah
	Numbers	3		3		6		6	8
	Typical Recharge Time	4 hours recover to 90% capacity							
	Charging Current (max.)	1.5 A						1.2 A	
	Charging Voltage	41.0 VDC ± 1%				82.1 VDC ± 1%		109.6 VDC ± 1%	
Long-run Model	Battery Type	Depending on the capacity of external batteries							
	Numbers	3		3		6		6	8
	Charging Current (max.)	1A/2A/4A/6A/8A (Selectable)						1A/2A/4A/6A/7A (Selectable)	
	Charging Voltage	41.0 VDC ± 1%				82.1 VDC ± 1%		109.6 VDC ± 1%	
<b>INDICATORS</b>									
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions								
<b>ALARM</b>									
Battery Mode	Sounding every 5 seconds								
Low Battery	Sounding every 2 seconds								
Overload	Sounding every second								
Fault	Continuously sounding								
<b>PHYSICAL</b>									
Standard Model	Dimension, DxWxH (mm)	397 x 145 x 220				421 x 190 x 318			
	Net Weight (kgs)	12		13.8		22.5		26.6	32.2
Long-run Model	Dimension, DxWxH (mm)	397 x 145 x 220				421 x 190 x 318			
	Net Weight (kgs)	6.3		6.5		10.5		11.7	11.7
<b>ENVIRONMENT</b>									
Humidity	20-95 % RH @ 0- 40°C (Non-condensing)								
Noise Level	Less than 50dB @1Meter								
<b>MANAGEMENT</b>									
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC								
Optional SNMP	Power management from SNMP manager and web browser								

\*Derate capacity to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100VAC, 200VAC or 208VAC. Product specifications are subject to change without further notice.