

Galleon II 1KVA/1.5KVA/2KVA/3KVA



Galleon II 2K/3K

Galleon II 1K/1.5K

- True double-conversion online UPS
- Wide input voltage range (110-300 VAC, 55-150 VAC)
- 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
- Selectable output voltage: 200-240VAC, 100-127VAC
- 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	
INPUT									
Nominal Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC							
Voltage Range		55 - 150 VAC $\pm 5\%$ or 110 - 300 VAC $\pm 5\%$ at 50% load ; 80 - 150 VAC $\pm 5\%$ or 160 - 300 VAC $\pm 5\%$ at 100% load							
Frequency Range		40 Hz ~ 70 Hz							
Power Factor		≥ 0.99 @ Nominal Voltage (100% Load)							
THDi		$\leq 5\%$ @100~130VAC or 205-245VAC							
		THDU < 1.6% @ input and full linear load condition with battery fully charged							
OUTPUT									
Output Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC							
AC Voltage Regulation (Batt. Mode)		$\pm 1\%$							
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		$\leq 2\%$ THD (Linear Load) ; $\leq 4\%$ THD (Non-linear Load)							
Transfer Time	AC Mode to Batt. Mode	Zero							
	Inverter to Bypass	4 ms (Typical)							
Waveform (Batt. Mode)		Pure Sinewave							
EFFICIENCY									
AC Mode		90%				91%			
ECO Mode		97%							
Battery Mode		89%		89%		89%		90%	
BATTERY									
Standard Model	Battery Type	12 V / 7 Ah		12 V / 9 Ah		12 V / 7 Ah		12 V / 9 Ah	
	Numbers	3		3		6		8	
	Typical Recharge Time	4 hours recover to 90% capacity							
	Charging Current (max.)	1.5 A							1.2 A
Long-run Model	Charging Voltage	41.0 VDC $\pm 1\%$				82.1 VDC $\pm 1\%$			
	109.6 VDC $\pm 1\%$								
	Battery Type	Depending on applications							
	Numbers	3		3		6		8	
Long-run Model	Charging Current (max.)	1A/2A/4A/6A/8A (Selectable)							1A/2A/4A/6A/7A (Selectable)
	Charging Voltage	41.0 VDC $\pm 1\%$				82.1 VDC $\pm 1\%$			
	109.6 VDC $\pm 1\%$								
INDICATORS									
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions							
ALARM									
Battery Mode		Sounding every 5 seconds							
Low Battery		Sounding every 2 seconds							
Overload		Sounding every second							
Fault		Continuously sounding							
PHYSICAL									
Standard Model	Dimension, D x W x H (mm)	397 x 145 x 220				421 x 190 x 318			
	Net Weight (kgs)	12		13.8		22.5		26.6	
Long-run Model	Dimension, D x W x H (mm)	397 x 145 x 220				421 x 190 x 318			
	Net Weight (kgs)	6.3		6.5		10.5		11.7	
ENVIRONMENT									
Humidity		20-95 % RH @ 0- 40°C (Non-condensing)							
Noise Level		Less than 50dB @1Meter							
Altitude		10% de-rating for over 1000m (The altitude should not exceed 3000m)							
MANAGEMENT									
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.


Voltronic Power
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