

# Galleon II RT 1-3KVA



- True double-conversion
- Output power factor 0.9
- ECO and advanced ECO mode for energy saving
- Output voltage regulation < 1%
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- Optional HID Power Device USB Port

ONLINE UPS

## Galleon II Rack/Tower 1KVA/1.5KVA/2KVA/3KVA Online UPS Selection Guide

MODEL	Galleon II RM 1K (L)		Galleon II RM 1.5K (L)		Galleon II RM 2K (L)		Galleon II RM 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% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load								
Frequency Range	40 Hz ~ 70 Hz								
Power Factor	≥ 0.99 @ nominal voltage (100% load)								
THDi	≤ 5% @ nominal input voltage								
<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)	57 ~ 63 Hz or 47 ~ 53 Hz								
Frequency Range (Batt. Mode)	60Hz ± 0.1Hz or 50 Hz ± 0.1Hz								
Current Crest Ratio	3:1 (max.)								
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%		90%		91%		91%		
ECO Mode	97%		97%		97%		97%		
Battery Mode	88%	89%	89%	88%	89%	90%			
<b>BATTERY</b>									
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							
	Charging Current (max.)	1.5 A**							
Long-run Model	Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	82.1 VDC ± 1%		
	Battery Type	Depending on the capacity of external batteries							
	Numbers	2	3	3	4	6	6		
	Charging Current (max.)	1A/2A/4A/8A (Selectable via LCD setting)							
Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	82.1 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)	410 x 438 x 88		410 x 438 x 88	510 x 438 x 88	630 x 438 x 88	630 x 438 x 88		
	Net Weight (kgs)	11.6	14.2	14.5	19.5	26.9	27.4		
Long-run Model	Dimension, DxWxH (mm)	410 x 438 x 88		410 x 438 x 88	410 x 438 x 88		510 x 438 x 88		
	Net Weight (kgs)	6.4		6.5	6.5		10.5		
<b>ENVIRONMENT</b>									
Humidity	20-90% RH @ 0- 40°C (non-condensing)								
Noise Level	Less than 50dB @ 1 Meter								
<b>MANAGEMENT</b>									
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC								
Optional SNMP	Power management from SNMP manager and web browser								

\*Derate capacity to 95% when the output voltage is adjusted to 115VAC, derate capacity to 90% when the output voltage is adjusted to 110VAC and derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

\*\*If standard UPS is equipped with additional charger, the available setting options become 2A, 3A and 4A. Product specifications are subject to change without further notice.

# Galleon II RT 6KVA/10KVA



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional N+X parallel redundancy
- Adjustable charging current via LCD panel
- Supporting Hot Standby function

## Galleon II Rack/Tower 6KVA/10KVA Online UPS Selection Guide

MODEL		Galleon II 6K(L) RT		Galleon II 10K(L) RT	
PHASE		1 phase in / 1 phase out			
CAPACITY*		6000 VA / 6000 W		10000 VA / 10000 W	
<b>INPUT</b>					
Nominal Voltage		208/220/230/240 VAC			
Voltage Range		110~300VAC ± 3 % at 50% load 176~300VAC ± 3 % at 100% load			
Frequency Range		46~54 Hz ⊕ 50Hz / 56~64 Hz ⊕ 60Hz			
Power Factor		≥ 0.99 @ full load			
THDi		< 4% @100% Load, < 6% @50% Load			
<b>OUTPUT</b>					
Output Voltage		208*/220/230/240 VAC		208*/220/230/240 VAC	
AC Voltage Regulation		± 1%			
Frequency Range (Synchronized Range)		46~54 Hz ⊕ 50Hz / 56~64 Hz ⊕ 60Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≤ 1% THD (Linear Load), ≤ 4% THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
Overload	AC Mode	100%~110%: 10min · 110%~130%: 1min · >130% : 1sec			
	Battery Mode	100%~110%: 30sec · 110%~130%: 10sec · >130% : 1sec			
<b>EFFICIENCY</b>					
AC Mode		94%		94%	
ECO Mode		98.5%		98.5%	
Battery Mode		92%		92%	
<b>BATTERY</b>					
Standard Model	Battery Type	12 V / 7 AH		12 V / 9 AH	
	Numbers	16	20	16	20
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1.0 A			
Long-run Model	Charging Voltage	218.4 VDC ± 1%	273 VDC ± 1%	218.4 VDC ± 1%	273 VDC ± 1%
	Battery Type	Depending on applications			
	Numbers	16-20**			
	Charging Current (max.)	4.0 A			
Charging Voltage		(13.65VDC x battery number) ± 1%			
<b>INDICATORS</b>					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
<b>ALARM</b>					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
<b>PHYSICAL</b>					
Standard Model	Dimension, D x W x H (mm)	UPS Unit: 600x438x88 [2U] Battery Pack:695x438x88 [2U]	UPS Unit: 600x438x88 [2U] Battery Pack:600x438x133 [3U]	UPS Unit: 600x438x88 [2U] Battery Pack:695x438x88 [2U]	UPS Unit: 610x438x88 [2U] Battery Pack:606x438x133 [3U]
	Net Weight (kgs)	UPS Unit: 15 Battery Pack: 48	UPS Unit: 15 Battery Pack: 63	UPS Unit: 18 Battery Pack: 48	UPS Unit: 18 Battery Pack: 63
Long-run Model	Dimension, D x W x H (mm)	610 x 438 x 88 [2U]		610 x 438 x 88 [2U]	
	Net Weight (kgs)	17		20	
<b>ENVIRONMENT</b>					
Operating Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter	
<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 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.  
 \*\*When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9  
 If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.  
 Product specifications are subject to change without further notice.