

Galleon

ONLINE UPS



Galleon 6K/10K

Galleon 2K/3K

Galleon 1K/1.5K

- True double-conversion online UPS
- Output power factor 0.8
- Wide input voltage range (110 V - 300 V)
- Programmable power management outlets
- 50/60 Hz Frequency Converter Mode
- ECO mode operation for energy saving
- Emergency Power Off (EPO) Function
- SNMP+USB+RS-232 multiple communications for 1-3K models
- DSP technology applied for 6K and up models

- Maintenance Bypass available for 6K and up models
- Optional hot standby mode and N+X parallel redundancy available for 6K and up models
- Adjustable battery numbers for 6K and up models
- Built-in isolation transformer (Option)

Galleon Online UPS Selection Guide

MODEL	Galleon 1K (L)	Galleon 1.5K (L)	Galleon 2K (L)	Galleon 3K (L)	Galleon 6K (L)	Galleon 10K (L)	
PHASE	Single phase with ground						
CAPACITY	1000 VA/800 W	1500 VA/1200 W	2000 VA/1600 W	3000 VA/2400 W	6000 VA/4800 W	10000 VA/8000 W	
INPUT							
Nominal Voltage	100/110/115/120/127 VAC or 200/208/220/230/240 VAC				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				110-300 VAC at 50% load 176-300 VAC at 100% load		
Frequency Range	40 Hz ~ 70 Hz				46 ~ 54 Hz or 56 ~ 64 Hz		
Power Factor	≥ 0.99 @ Nominal Voltage (100% Load)				≥ 0.99 @ 100% Load		
OUTPUT							
Output Voltage	100/110/115/120/127 VAC or 200/208/220/230/240 VAC				208/220/230/240 VAC		
AC Voltage Regulation (Batt. Mode)	±1.5-2% or ±1% (@12V/per battery condition)				±1%		
Frequency Range (Synchronized Range)	47~53 Hz or 57~63 Hz				46 ~ 54 Hz or 56 ~ 64 Hz		
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz				50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
Current Crest Ratio	3:1				3:1		
Harmonic Distortion	≤ 3 % THD (Linear Load) ; ≤ 6 % THD (Non-linear Load)				≤ 3 % THD (Linear Load) ; ≤ 6 % THD (Non-linear Load)		
Transfer Time	AC Mode to Batt. Mode		Zero		Zero		
	Inverter to Bypass		4 ms (Typical)		Zero		
Waveform (Batt. Mode)	Pure Sinewave						
EFFICIENCY							
AC Mode	88.2%		90.0%		90.5% 91%		
ECO Mode	94.0%		94.4% 95.5%		96%		
Battery Mode	84.6%		87.0%		88% 89%		
BATTERY							
Standard Model	Battery Type	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah 12 V / 9 Ah	
	Numbers	3	3	6	6	20 20	
	Typical Recharge Time	4 hours recover to 90% capacity				7 hours recover to 90% capacity 9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A				1.0 A	
	Charging Voltage	41.0 VDC ± 1%		82.1 VDC ± 1%		273.0 VDC ± 1%	
Long-run Model	Battery Type	Depending on applications				Depending on applications	
	Numbers	3	3	6	6	18-20	
	Charging Current (max.)	8.0 A				4.0 A	
	Charging Voltage	41.0 VDC ± 1%		82.1 VDC ± 1%		273.0 VDC ± 1%	
INDICATORS							
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions						
ALARM							
Battery Mode	Sounding every 4 seconds						
Low Battery	Sounding every second						
Overload	Sounding twice every second						
Fault	Continuously sounding						
PHYSICAL							
Standard Model	Dimension, DxWxH(mm)	397 x 145 x 220		421 x 190 x 318		592 x 250 x 576	
	Net Weight (kgs)	13	14	26	28	81	83
Long-run Model	Dimension, DxWxH(mm)	397 x 145 x 220		421 x 190 x 318		592 x 250 x 576	
	Net Weight (kgs)	7	7	13	13	25	27
ENVIRONMENT							
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)						
Noise Level	Less than 50dB@1Meter				Less than 55dB@1Meter	Less than 58dB@1Meter	
MANAGEMENT							
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix and MAC						
Optional SNMP	Power management from SNMP manager and web browser						

*Derate to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100VAC,200VAC or 208 VAC.
** L means long-run model

Galleon Rackmount/Rack Tower (Option)



- True double-conversion
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.99
- Output power factor 0.8
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage via LCD panel
- Optional isolation transformer offers full isolation and complete common mode noise rejection
- Hot-swappable battery design (only available for 1-3K)

Galleon Rackmount/Rack Tower Online UPS Selection Guide

MODEL	Galleon RM-1K (L)	Galleon RM-1.5K (L)	Galleon RM-2K (L)	Galleon RM-3K (L)	Galleon 6KR (L)	Galleon 10KR (L)			
PHASE	Single phase with ground								
CAPACITY	1000 VA / 800 W	1500 VA / 1200W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 VA			
INPUT									
Nominal Voltage	100/110/115/120/127 VAC or 200/208/220/230/240VAC				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				110-300 VAC at 50% load 176-300 VAC at 100% load				
Frequency Range	45Hz ~ 55 Hz or 56Hz ~ 65 Hz				46~54 Hz or 56~64 Hz				
Power Factor	≥ 0.99 @ Nominal Voltage (100% Load)				≥ 0.99 @ 100% load				
OUTPUT									
Output Voltage	100/110/115/120/127 VAC or 200/208/220/230/240VAC				208/220/230/240 VAC				
AC Voltage Regulation (Batt. Mode)	±1.5-2% or ±1% (@12V/per battery condition)				± 1%				
Frequency Range (Synchronized Range)	40 Hz ~ 70 Hz				46~54 Hz or 56~64 Hz				
Frequency Range (Batt. Mode)	50 Hz ± 0.2 Hz or 60Hz ± 0.2 Hz				50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio	3:1				3:1				
Harmonic Distortion (Line Mode)	≤ 3 % THD (Linear Load) ; ≤ 6 % THD (Non-Linear load)				≤ 3%THD (Linear Load) ; ≤ 6%THD (Non-linear Load)				
Transfer Time	AC Mode to Batt. Mode		Zero		Zero				
	Inverter to Bypass		4 ms (Typical)		Zero				
Waveform (Batt. Mode)	Pure Sinewave								
EFFICIENCY									
AC Mode	88.2%	88.2%	88.7%	89.5%	90.5%	91.0%			
ECO Mode	94.0%	94.0%	94.4%	95.5%	96.0%	96.0%			
Battery Mode	84.6%	84.6%	87.4%	87.0%	88.0%	89.0%			
BATTERY									
Standard Model	Battery Type	12V/9Ah	12V/7Ah	12V/9Ah	12V/7Ah	12V/9Ah	12 V / 7 Ah	12 V / 9 Ah	
	Numbers	2	3*	3	4	6*	6	20	20
	Typical Recharge Time	4 hours recover to 90% capacity						3 hours recover to 90% capacity	4 hours recover to 90% capacity
	Charging Current (max.)	1.0 A						2.0 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%	273 VDC ± 1%	
	Battery Type	Depending on applications						Depending on applications	
	Numbers	2	3*	3	4	6*	6	18-20	
	Charging Current (max.)	1A / 2A / 4A / 8A						2.0 A	
	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%	273.0 VDC ± 1%	
INDICATORS									
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions								
ALARM									
Battery Mode	Sounding every 4 seconds								
Low Battery	Sounding every second								
Overload	Sounding twice every second								
Fault	Continuously sounding								
PHYSICAL									
Standard Model	Dimension, D x W x H (mm)	410 x 438 x 88 [2U]	510 x 438 x 88 [2U]	510 x 438 x 88 [2U]	510 x 438 x 88 [2U]	630 x 438 x 88 [2U]	630 x 438 x 88 [2U]	UPS Unit : 580 x 438 x 133 [3U] Battery Pack : 580 x 438 x 133 [3U]	UPS Unit : 668 x 438 x 133 [3U] Battery Pack : 580 x 438 x 133 [3U]
	Net Weight (kgs)	13.2	18.4	18.5	20.6	25.7	29	UPS Unit : 17 Battery Pack : 57	UPS Unit : 20 Battery Pack : 63
Long-run Model	Dimension, D x W x H (mm)	410 x 438 x 88 [2U]	510 x 438 x 88 [2U]	510 x 438 x 88 [2U]	510 x 438 x 88 [2U]	630 x 438 x 88 [2U]	630 x 438 x 88 [2U]	580 x 438 x 133 [3U]	668 x 438 x 133 [3U]
	Net Weight (kgs)	9.1	11.3	10.7	11.3	14.6	14.8	17	20
ENVIRONMENT									
Humidity	20-90 % RH @ 0- 40°C (Non-condensing)								
Noise Level	Less than 50dB @ 1 Meter				Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter		
MANAGEMENT									
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix and MAC								
Optional SNMP	Power management from SNMP manager and web browser								

*In LV system, only 12V/7Ah x 3 for 1K model and 12V/7Ah x 6 for 2K model are available.
 NOTE 1: Derate to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 100VAC/200VAC/208VAC.
 NOTE 2: 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.
 ** L means long-run model

Galleon Rackmount/Rack Tower Battery Pack

Form Factor	2U				3U	
	1K	1K / 1.5K	2K	2K / 3K	6K/10K	
Supported UPS Model	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah
Battery Type	4 pcs	6 pcs	8 pcs	12 pcs	20 pcs	20 pcs
Battery Number	410 x 438 x 88		510 x 438 x 88	630 x 438 x 88	580 X 438 X 131	
Dimension (DxWxH) mm	16.9		21.3	28.7	40.8	65
Net Weight (kgs)						

Galleon Tower Battery Pack

Form Factor	Tower											
	1K/1.5K		2K/3K		2K/3K		2K/3K		6K/10K		6K/10K	
Capacity	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah
Battery Type	6 pcs		12 pcs		16 pcs		18 pcs		40 pcs		60 pcs	
Battery Number	x		x		x		4A		x		4A	
Charger	397 x 145 x 220		421 x 190 x 318		535 x 190 x 318		535 x 190 x 318		592 x 250 x 576		830 x 250 x 576	
Dimension (DxWxH) mm	18	20	36	40	49.4	55.3	60.9	67.5	109	125	166	190
Net Weight (kgs)												

Software

ViewPower - UPS Management Software



- Allows control and monitoring of multiple UPSs via LAN and INTERNET
- User-friendly power analysis graphs
- Real-time dynamic graphs of UPS data
- Safely OS shutdown and protection from data loss during power failure
- Warning notifications via audible alarm, broadcast, mobile messenger, and e-mail
- Scheduled UPS on/off, battery test, programmable outlet control, and audible alarm control
- Password security protection and remote access management
- Supports multiple OS and local languages

Accessory

Remote Control Agent

SNMP Card



- Allows control and monitoring of multiple UPSs through RJ-45 network connection
- Real-time dynamic graphs of UPS data (voltage, frequency, load level, battery level)
- Warning notifications via audible alarm, broadcast, mobile messenger, e-mail and SNMP traps
- Historic data log stored in centralized PC database
- Simple firmware upgrade with one click
- Password security protection and remote access management
- Supports optional environmental monitoring detector for temperature, humidity and smoke

AS-400 Card



9-pin interface

RS-232 interface

- Capable of selecting the status of the dry-contact signal by setting jumper to meet different application requirements.
- Suitable applications: IBM Server, Personal PC & Workstations equipments, Auto-controlled industrial equipment & communication applications

Rackmount Slider

Simple installation for mounting Galleon Rack in your server rack enclosure.



PDU & Maintenance Bypass Switch



External Maintenance Bypass Switch



Automatic Transfer Switch (ATS)

