## EX1030KPT



#### True double-conversion online UPS

A true double conversion UPS will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer centers, servers, telecom applications, as well as for industrial applications.

#### Output power factor 0.8

Compared to the online UPSs in the current market, Galleon series provides better output power factor up to 0.8. It offers higher performance and efficiency for critical applications.

### • Wide input voltage range (110 V -300 V)

Galleon can still provide stable power to connected devices under unstable power environments.

Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.

Programmable Outlets (P1) connect to non-critical devices

## • 50/60 Hz Frequency Converter Mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipments.

#### ECO mode operation for energy saving

Offers efficiency as high as 97% to cut energy usage & cost. UPS power application via static bypass, timely returning to online double conversion when the need arises.

#### Emergency Power Off (EPO) Function

This feature can secure the personnel and equipment in case of fires or other emergencies.

### SNMP+USB+RS-232 multiple communications for 1-3K models

This feature allows either USB or RS-232 communication port to work with SNMP interface simultaneously.

### DSP technology applied for 6K and up models

A DSP controller provides an improved and cost-effective

#### **LCD Display Panel**



### Smart battery charger design to optimize battery performance

- Galleon 1-3K series is equipped with 2-stage charger design to guarantee battery discharge time. Besides, it will adjust charging voltage according to outside temperature. This features will extend the useful service life of batteries.
- Galleon 6K and up models are equipped with 3-stage extendable charger for optimized battery performance.
   This feature extends the useful service life of batteries and optimizes battery recharge time. Besides, the extendable charger design can be stacked in numbers for large-capacity battery charging.

# Maintenance bypass available for 6K and up models

Internal bypass assures continuous power to critical devices during UPS maintenance.

## Optional hot standby mode and N+X parallel redundancy available for 6K and up models

For genuinely redundant power protection, Galleon (6K and up models) can either be used in parallel operation with up to 3 units or hot standby mode. Slave UPS will back up the load in the event of critical component failure. It increases power safety and availability.

# Adjustable battery numbers for 6K and up models

Galleon (6K and up models) can still normal operate well with only 18 or 19 internal batteries.

#### Built-in isolation transformer (Option)

With built-in isolation transformer, the UPS will offer full isolation and complete common mode noise rejection for connected precious equipment. It become an ideal power source with 100% protection against unexpected AC power problems.



6K/10K(L) 6KL 2K(L)/3K(L) 1K(L)/1.5K(L)



## 1KVA/1.5KVA/2KVA/3KVA/6KVA/10KVA Online UPS Selection Guide

MODEL		1K (L)	1.5K (L)	2K (L)	3K (L)	6K (L)	10K (L)		
PHASE				Single p	hase 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		200/20	8/220/230/240 VAC o	208/220/2	30/240 VAC				
Voltage Range		1	110 - 300 VAC ± 5 % c	or 50 - 150 VAC ± 5 %			176-300 VAC @ 100% load 110-300 VAC @ 50% load		
Frequency Range			40 Hz ~	- 70 Hz		46 ~ 54 Hz	or 56 ~ 64 Hz		
Power Factor			≥ 0.99 @ Nominal \	/oltage (100% Load)		≥0.99@	100% Load		
OUTPUT	-					WHE.			
Output Vo	ltage	200/20	8/220/230/240 VAC d	or 100/110/115/120/12	7 VAC	208/220/2	30/240 VAC		
AC Voltag	e Regulation (Batt. Mode)		± 1	±	1%				
Frequency	Range (Synchronized Range)		47~53 Hz o	46 ~ 54 Hz or 56 ~ 64 Hz					
50 35	y Range (Batt. Mode)		50 Hz ± 0.25 Hz	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz					
	rest Ratio		3:	1		3	3:1		
	Distortion		≦2 % THD ( ≤ 4 % THD (N		(Linear Load) Von-linear Load)				
Transfer	AC Mode to Batt. Mode			<u> </u>	Zero				
Time	Inverter to Bypass		4 ms (T	ypical)		Z	ero		
Waveform	(Batt. Mode)		Assertion Assert	AA JOSEPH CONTRACTOR OF THE PARTY OF THE PAR	re Sinewave	1	Dataey)		
EFFICIEN									
AC Mode	7.72.74	879	%	90	0%	8	9%		
Battery Me	ode		83% 87%				88%		
BATTERY	No. of the last of		79		245	1.5	5.10		
	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		
Standard Model	Typical Recharge Time		4 hours recover to 90% capacity				9 hours recover to 90% capacity		
	Charging Current (max.)		1.0	90% capacity	0 A				
	Charging Voltage	41.0 VD0			DC ±1%		/DC ±1%		
	Battery Type		Depending or	570 8300000	n applications				
Long-run	Numbers	3	3	6	6	18-20			
Model	Charging Current (max.)		8.0	1/22/24		P(C)	0 A		
	Charging Voltage	41.0 VD(	1000		OC ±1%	273.0 VDC ±1%			
INDICATO									
LCD Displ		1	JPS status. Load leve	el Battery level Input	Output voltage, Disch	arge timer, and Fault condi	tions		
ALARM	idy		or o cluttes, Education	oi, cattery level, impair	Coupar Foliage, Bibbi	ange timer, and react bottom	MOTIO		
Battery Me	ode			Soundin	g every 4 seconds				
Low Batte					ng every second				
Overload	.,,	Sounding twice every second							
Fault		Continuously sounding							
PHYSICA	1			GOILLII	acasiy souriumy				
and the second	Dimension, DxWxH(mm)	397 x 14	5 v 220	421 v 1	90 x 318	502 v 2	50 x 576		
Standard Model	Net Weight (kgs)	13	14	26	28	81	83		
Long-run Model	Dimension, Dx Wx H(mm)	397 x 14	1076100		90 x 318	4000	50 x 576		
		7 7	7	13	13	25	27		
ENVIRON	Net Weight (kgs)		1	13	13	20			
Humidity	THE IN	,		20 DD 00 DU 🗇	0- 40°C (Non-condens	ring)			
Noise Lev	70		Less than 50		o- 40 C (Non-condens	4	Less than 58dB@1Mete		
MANAGE			Less trian 50	uno (G. Interet		ress man sopp@ interer	Less man souble infete		
Company and the contract of the									
Smart RS USB	-202		Supports Windo	ws <sup>®</sup> 2000/2003/XP/Vi	sta/2008, Windows* 7	7/8, Linux, Unix, and MAC			
Optional 9	SNMP		Pou	ver management from	SNMP manager and	web browser			
-puonar c	×1.11111		FOV		MO DOCUMO COD LA				

<sup>\*\*</sup>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

## Tower Battery Pack (Optional built-in charger)

Capacity (VA)	1K/1.5K							
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		
Battery Number	6pcs	6 pcs	12 pcs	12 pcs	18 pcs	18 pcs		
Dimension (DxWxH) mm	397 X 145 X 220		421 X 190 X 318		535 X 190 X 318			
Net Weight (kgs)	18	20	36	40	55	61		
Capacity (VA)			6K/	10K		<i>.</i>		
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		
Battery Number	40 pcs	40 pcs	60 pcs	60 pcs	80 pcs	80 pcs		
Dimension (DxWxH) mm	592 X 250 X 576		830 X 250 X 576		815 x 250 x 826			
Net Weight (kgs)	109	125	166	190	210	242		



## EXIIOKPRT 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)

## Rackmount/Rack Tower Online UPS Selection Guide

MODEL			RM-1K (L)	RM-1.5K (L)		RM-2K (L)	RM-3K (L)	6KR (L)	10KR (L)	
PHASE				100000000000000000000000000000000000000		ngle phase wi				
CAPACIT	Y	1000 VA	/ 800 W	1500 VA / 1200W	2000 VA	/ 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 VA	
INPUT								ÿ		
Nominal V	/oltage			110/115/120/127 VAC	or 208/220/2	30/240VAC			0/240 VAC	
Voltage Range				176-300 VAC @ 100% load 110-300 VAC @ 50% load						
Frequency Range				45Hz ~ 55 Hz	46~54 Hz or 56~64 Hz					
Power Factor				≥ 0.99 @ Nominal	≥ 0.99 @ 100% load					
OUTPUT										
Output Vol	ltage			110/115/120/127 VAC	or 208/220/23	30/240 VAC		208/220/23	0/240 VAC	
AC Voltage Regulation				± 1%						
(Batt. Mode)				I 170						
Frequency Range				46~54 Hz or 56~64 Hz						
(Synchronized Range) Frequency Range (Batt. Mode)				50 Hz ± 0.2 Hz	or 60Hz + 0.1	) Hz		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
Current Cr				3:1						
Ouriont Or	166t I (atio				3:1 (Linear Load					
Harmonic	Distortion			8% max. (Batt. mo	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)					
Transfer	AC Mode to Batt. Mode			o ro mani (assetti mo	40 401010 0111	Zero				
Time	Inverter to Bypass			A ms A	Typical)	Zeio		76	ero	
				411151	Турісату	Pure Sinev		20	10	
	(Batt. Mode)					Pure Sinev	vave			
EFFICIEN	ICY			W.C.	1	2000	<b>F</b> A	0.0	106	
AC Mode		86%				88%	33	89%		
Battery Mo	J. CANALL	L.	83	%		85%	6	88%		
BATTERY							(T	4		
	Battery Type	12 V / 9 Ah	12V/7Ah	12V/9Ah	12V/9Ah	12 V / 7Ah	12 V / 9Ah	12 V / 7 Ah	12 V / 9 Ah	
	Numbers	2	3*	3	4	6*	6	20	20	
Standard Model	Typical Recharge Time	4 hours recover to 90% capacity						3 hours recover to 90% capacity	4 hours recover to 90% capacity	
Model	Charging Current (max.)	1.0 A						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 VE	OC ±1%	
	Battery Type	Depending on the capacity of external batteries  Depending on applications								
Long-run	Numbers			18	-20					
Model	Charging Current (max.)			8	.0 A			2.0	) A	
WOOD	Charging Voltage	27.4 VDC	41.1 VDC	41.1 VDC±1%	54.8 VDC	82.1 VDC	82.1 VDC ±1%	273.0 V	DC ±1%	
		± 1%	± 1%	A LONG AND ADDRESS AND ADDRESS OF THE	± 1%					
INDICATO	nne.					± 1%			SALCA SALSANIA	
INDICATO			115	nn				1 F 1 L EV		
LCD Pane			UF	'S status, Load level, E			voltage, Discharge time	er, and Fault conditions	Nation (1997)	
LCD Pane ALARM	91		UF	'S status, Load level, E	Battery level,	Input/Output v		er, and Fault conditions		
LCD Pane ALARM Battery Mo	el ode		UF	'S status, Load level, E	Battery level,	Input/Output v	4 seconds	er, and Fault conditions		
LCD Pane ALARM Battery Mo Low Batter	el ode		UF	'S status, Load level, E	Sol	Input/Output vunding every ounding every	4 seconds y second	er, and Fault conditions		
LCD Pane ALARM Battery Mo Low Batter Overload	el ode		UF	'S status, Load level, E	Sol	Input/Output v	4 seconds y second	er, and Fault conditions		
LCD Pane ALARM Battery Mo Low Batter	el ode		UF	'S status, Load level, E	Sour	Input/Output vunding every ounding every	4 seconds y second very second	er, and Fault conditions		
LCD Pane ALARM Battery Mo Low Batter Overload	ode ory		UF	'S status, Load level, E	Sour	Input/Output v unding every ounding every nding twice ev	4 seconds y second very second	er, and Fault conditions	j	
LCD Pane ALARM Battery Mo Low Batter Overload Fault	ode ory		480 x 438 x 88 [2U]	2S status, Load level, E	Sour	Input/Output v unding every ounding every nding twice ev	4 seconds y second very second	UPS Unit: 580 x 438 x 133 [3U] Battlery Pack: 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [3L Battery Pack :	
LCD Pane ALARM Battery Mo Low Batter Overload Fault PHYSICA Standard	ode  NL  Dimension,	380 x 438 x	480 × 438 ×		Sour C	unding every ounding every anding twice excontinuously s	4 seconds y second very second ounding	UPS Unit : 580 x 438 x133 [3U] Battery Pack ;	UPS Unit: 668 x 438 x 133 [3L Battery Pack : 580 x438 x 133 [3L UPS Unit : 20	
LCD Pane ALARM Battery Mc Low Batter Overload Fault PHYSICA Standard Model Long-run	ode  ory  L  Dimension, D x W x H (mm)	380 x 438 x 88 [2U]	480 x 438 x 88 [2U]	480 x 438 x 88 [2U]	Sour S Sour C S Sour	Input/Output violating every ounding every ounding every adding twice exponitinuously s	4 seconds y second very second ounding 600 x 438 x 88 [2U]	UPS Unit : 580 x 438 x133 [3U] Battery Pack : 580 x 438 x 133 [3U] UPS Unit : 17	UPS Unit: 668 x 438 x 133 [31 Battlery Pack : 580 x438 x 133 [31 UPS Unit : 20 Battlery Pack : 63	
LCD Pane ALARM Battery Mo Low Batter Overload Fault PHYSICA Standard Model	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension,	380 x 438 x 88 [2U] 13.2 380 x 438 x	480 x 438 x 88 [2U] 18.4 480 x 438 x	480 x 438 x 88 [2U] 18.5	Soil S Soul C S Soul	input/Output variables and input/Output variable	4 seconds y second very second ounding  600 x 438 x 88 [2U]	UPS Unit : 580 x 438 x133 [3U] Battlery Pack : 580 x 438 x 133 [3U] UPS Unit : 17 Battlery Pack : 57	UPS Unit: 668 x 438 x 133 [31 Battlery Pack : 580 x438 x 133 [31 UPS Unit : 20 Battlery Pack : 63	
LCD Pane ALARM Battery Mc Low Batter Overload Fault PHYSICA Standard Model Long-run	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension, D x W x H (mm)  Net Weight (kgs)	380 x 438 x 88 [2U] 13.2 380 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.4 480 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.5 480 x 438 x 88 [2U]	Sour S S S S S S S S S S S S S S S S S S S	unding every outding every outding every outding every outding every outding every soft outding twice every soft outding every soft outgoing every soft outgo	4 seconds y second yery second ounding  600 x 438 x 88 [2U]  29  600 x 438 x 88 [2U]	UPS Unit: 580 x 438 x133 [3U] Battery Pack: 580 x 438 x 133 [3U] UPS Unit: 17 Battery Pack: 57 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [31 Battery Pack: 580 x438 x 133 [31 UPS Unit: 20 Battery Pack: 63 668 x 438 x 133 [31	
LCD Pane ALARM Battery Mc Low Battery Mc Overload Fault PHYSICA Standard Model Long-run Model ENVIRON	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension, D x W x H (mm)  Net Weight (kgs)	380 x 438 x 88 [2U] 13.2 380 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.4 480 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.5 480 x 438 x 88 [2U]	Sour S S S S S S S S S S S S S S S S S S S	unding every counting every counting every ding twice every continuously s  600 x 438 x 88 [2U]  25.7  600 x 438 x 88 [2U]  14.6	4 seconds y second yery second ounding  600 x 438 x 88 [2U]  29  600 x 438 x 88 [2U]	UPS Unit: 580 x 438 x133 [3U] Battery Pack: 580 x 438 x 133 [3U] UPS Unit: 17 Battery Pack: 57 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [31 Battery Pack: 580 x438 x 133 [31 UPS Unit: 20 Battery Pack: 63 668 x 438 x 133 [31	
LCD Pane ALARM Battery Mc Low Batter Overload Fault PHYSICA Standard Model Long-run Model ENVIRON Humidity	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension, D x W x H (mm)  Net Weight (kgs)	380 x 438 x 88 [2U] 13.2 380 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.4 480 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.5 480 x 438 x 88 [2U] 10.7	Solution S	Input/Output volume input/Output volume input/Output volume input volu	4 seconds y second very second ounding 600 x 438 x 88 [2U] 29 600 x 438 x 88 [2U] 14.8	UPS Unit: 580 x 438 x133 [3U] Battery Pack: 580 x 438 x 133 [3U] UPS Unit: 17 Battery Pack: 57 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [3L Battery Pack: 580 x438 x 133 [3L UPS Unit: 20 Battery Pack: 63 668 x 438 x 133 [3U	
LCD Pane ALARM Battery Mc Low Batter Overload Fault PHYSICA Standard Model Long-run Model ENVIRON Humidity Noise Leve	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension, D x W x H (mm)  Net Weight (kgs)  IMENT	380 x 438 x 88 [2U] 13.2 380 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.4 480 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.5 480 x 438 x 88 [2U] 10.7	Sour S S S S S S S S S S S S S S S S S S S	Input/Output volume input/Output volume input/Output volume input volu	4 seconds y second very second ounding 600 x 438 x 88 [2U] 29 600 x 438 x 88 [2U] 14.8	UPS Unit: 580 x 438 x133 [3U] Battery Pack: 580 x 438 x 133 [3U] UPS Unit: 17 Battery Pack: 57 580 x 438 x 133 [3U]	UPS Unit: 668 x 438 x 133 [3L Battery Pack : 580 x438 x 133 [3U UPS Unit : 20 Battery Pack : 63 668 x 438 x 133 [3U 20	
LCD Pane ALARM Battery Mc Low Battery Mc Coverload Fauit PHYSICA Standard Model Long-run Model ENVIRON Humidity	Dimension, D x W x H (mm)  Net Weight (kgs)  Dimension, D x W x H (mm)  Net Weight (kgs)  Net Weight (kgs)  MENT	380 x 438 x 88 [2U] 13.2 380 x 438 x 88 [2U]	480 x 438 x 88 [2U] 18.4 480 x 438 x 88 [2U]	480 x 438 x 88 [2U]  18.5  480 x 438 x 88 [2U]  10.7  Less than 50	Solution S	Input/Output volume input/Output volume input/Output volume input volu	4 seconds y second very second ounding 600 x 438 x 88 [2U] 29 600 x 438 x 88 [2U] 14.8	UPS Unit: 580 x 438 x133 [3U] Battery Pack: 580 x 438 x 133 [3U] UPS Unit: 17 Battery Pack: 57 580 x 438 x 133 [3U] 17  Less than 55dBA @ 1 Meter	UPS Unit: 668 x 438 x 133 [3L Battery Pack : 580 x438 x 133 [3U UPS Unit : 20 Battery Pack : 63 668 x 438 x 133 [3U 20	



## **Rack Battery Pack**

Form Factor			3U			
Capacity (VA)	1K	1K / 1.5K	2K	2K / 3K	6K/	10 <b>K</b>
Battery Type	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 Number	4 pcs	6 pcs	8 pcs	12 pcs	20 pcs	20 pcs
Dimension (DxWxH) mm	380 x 438 x 88		480 x 438 x 88	600 x 438 x 88	580 X 438 X 131	
Net Weight (kgs)	16.9	21.3	28.7	40.8	57	65

# **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
- \* 2-year product warranty

#### AS-400 Card



- \* 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** 



