

Galleon 3P/1P Rackmount



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.8
- Wide input voltage range (110-300 VAC)
- Active power factor correction in all phases
- Built-in phase auto adapt function simplifies wire installation
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers
- Optional N+X parallel redundancy

Galleon 3-phase in / 1-phase out Rack Online UPS Selection Guide

MODEL		Galleon 3/1-10KR (L)	Galleon 3/1-15KR (L)	Galleon 3/1-20KR (L)
PHASE		3-phase in / 1-phase out		
CAPACITY		10000 VA/8000 W	15000 VA/12000 W	20000 VA / 16000 W
INPUT				
Nominal Voltage		3 x 400 VAC (3Ph+N)		
Voltage Range		190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load		
Frequency Range		46-54 Hz or 56-64Hz		
Power Factor		≥ 0.99 @ 100% Load		
THDi		< 6% @ 100% Load		
OUTPUT				
Output Voltage		208/220/230/240VAC		
AC Voltage Regulation (Batt. Mode)		± 1%		
Frequency Range (Synchronized Range)		46-54Hz or 56-64Hz		
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 2 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)		
Transfer Time	AC Mode to Batt. Mode	Zero		
	Inverter to Bypass	Zero		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
AC Mode		90.5%		91%
ECO Mode		96%		96%
Battery Mode		87%		88%
BATTERY				
Standard Model	Battery Type	12 V / 9 Ah		
	Numbers	20 (18 - 20* adjustable)	20 pcs x 2 strings (18 - 20* adjustable)	
	Typical Recharge Time	9 hours recover to 90% capacity		
	Charging Current (max.)	1A	2A	
Long-run Model	Charging Voltage	273 VDC ± 1% (based on battery numbers at 20 pcs)		
	Battery Type	Depending on the capacity of external batteries		
	Numbers			
	Charging Current (max.)	4A		
	Charging Voltage	273 VDC ± 1% (based on battery numbers at 20 pcs)		
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)	UPS unit:668 x 438 x 133(3U) Battery pack: 580 x 438 x 133(3U)	UPS unit:668 x 438 x 266(6U) Battery pack: 580 x 438 x 133(3U) x 2PCS	
	Net Weight (kgs)	UPS unit: 22 Battery pack: 63	UPS unit: 45 Battery pack: 63 x 2PCS	
Long-run Model	Dimension, D x W x H(mm)	668 x 438 x 133(3U)		668 x 438 x 266(6U)
	Net Weight (kgs)	22		45
ENVIRONMENT				
Operation Humidity		0-95 % RH @ 0- 40°C (Non-condensing)		
Noise Level		Less than 60dB @ 1 Meter	Less than 65dB @ 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		

*When using internal batteries from 18-19, the unit will de-rate according to the below formula: P = P_{Rating} x N/20.
Product specifications are subject to change without further notice

Galleon 3P/1P Tower



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.8
- Wide input voltage range
- Active power factor correction in all phases
- Built-in phase auto adapt function simplifies wire installation
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Programmable power management outlets
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers
- Maintenance bypass available
- Optional N+X parallel redundancy
- Optional isolation transformer available

ONLINE UPS

Galleon 3-phase in/1-phase out Online UPS Selection Guide

MODEL	Galleon 3/1-10K (L)	Galleon 3/1-10K ISO (L)	Galleon 3/1-15K (L)	Galleon 3/1-20K (L)	Galleon 3/1-20K ISO L	Galleon 3/1-30K (L)
PHASE	3-phase in / 1-phase out					
CAPACITY	10000 VA/8000 W	10000 VA/8000 W	15000 VA/12000 W	20000 VA/16000 W	20000 VA/16000 W	30000VA/24000W
INPUT						
Nominal Voltage	3 x 400 VAC (3Ph+N)					
Voltage Range	190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load					
Frequency Range	46-54Hz or 56-64Hz					
Power Factor	≥ 0.99 @ 100% Load					
THDi	< 6% @ 100% load					
OUTPUT						
Output Voltage	208/220/230/240VAC	104/110/115/120VAC or 208/220/230/240VAC	208/220/230/240VAC		104/110/115/120VAC or 208/220/230/240VAC	208/220/230/240VAC
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz					
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz					
Current Crest Ratio	3:1					
Harmonic Distortion	≤2% THD (Linear Load) ≤5% THD (Non-linear Load)	≤2% THD (Linear Load) ≤6% THD (Non-linear Load)	≤ 2% THD (Linear Load) ≤ 5% THD (Non-linear Load)		≤2% THD (Linear Load) ≤7% THD (Non-linear Load)	≤2% THD (Linear Load) ≤5% THD (Non-linear Load)
Transfer Time	Zero					
Waveform (Batt. Mode)	Pure Sinewave					
EFFICIENCY						
AC Mode	90.5%	86%	91%	91%	86.5%	91.3%
ECO Mode	96%					
Battery Mode	86%	83%	88%	87%	83%	88%
BATTERY						
Battery Type	12 V / 9 Ah					
Standard Model	20 pcs (18 - 20 pcs adjustable)*		20 pcs (18 - 20 pcs adjustable)* x 2 strings		N/A	20pcs(18-20pcs adjustable)*x3 strings 9 hours recover to 90% capacity
Typical Recharge Time	9 hours recover to 90% capacity					
Charging Current (max.)	1A	1A	2A	2A	4A	
Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)					
Long-run Model	Depending on applications					
Charging Current (max.)	4A	4A	8A	8A	8A	12A
Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)					
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 Hmm	592 x 250 x 576	592 x 250 x 826	815 x 250 x 826		815 x 300 x 1000
Net Weight (kgs)		83	144	164	164	234
Long-run Model	Dimension, D x W x Hmm	592 x 250 x 576	592 x 250 x 826	592 x 250 x 576	592 x 250 x 576	815 x 250 x 826
Net Weight (kgs)		28	91	40	40	64
ENVIRONMENT						
Humidity	0-95 % RH @ 0- 40°C (Non-condensing)					
Noise Level	Less than 58dB @ 1 Meter		Less than 60dB @1 Meter		Less than 65dB @ 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					

*When using internal batteries from 18-19, the unit will de-rate according to the below formula: P = P_{Rating} x N/20.
 **Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC.
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