

# Galleon II 3P/3P



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.9
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- 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 for long-run model
- Maintenance bypass available
- Optional parallel operation up to 3 units
- Optional isolation transformer
- Optional 7" touch LCD panel

## Galleon II 3-phase in/3-phase out Online UPS Selection Guide

MODEL	30K (L)*	40K (L)	60KL	80KL	100KL	120KL	160KL	200KL
<b>PHASE</b>	3-phase in / 3-phase out							
<b>CAPACITY</b>	30KVA / 27KW	40KVA / 36KW	60KVA / 54KW	80KVA / 72KW	100KVA / 90KW	120KVA / 108KW	160KVA / 144KW	200KVA / 180KW
<b>INPUT</b>								
Nominal Voltage	3 x 400 VAC (3Ph+N)							
Voltage Range	190-520 VAC (3-phase) @ 50% load ; 305-478 VAC (3-phase) @ 100% load							
Frequency Range	46-54 Hz or 56-64Hz							
Power Factor	≥ 0.99 @ 100% Load							
<b>OUTPUT</b>								
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)							
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 (max.)							
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 Sine wave							
Overload	AC Mode	100-110% for 10 min, 110-130% for 1 min, >130% for 1 second						
	Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second						
<b>PARALLEL CAPACITY</b>	up to 3 units in parallel							
<b>EFFICIENCY</b>								
AC Mode	95.0%							
ECO Mode	98.0%							
Battery Mode	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%	93.0%	93.0%
<b>BATTERY</b>								
Standard Model	Battery Type	12 V / 7 Ah	12 V / 9 Ah	N/A				
	Numbers	±16 pcs x 2 strings	±16 pcs x 2 strings	N/A				
	Typical Recharge Time	9 hours recover to 90% capacity						
	Charging Current (max.)	2A						
	Charging Voltage	± 218 VDC						
Long-run Model	Battery Type	Depending on the capacity of external batteries						
	Numbers	±16 ~ ± 20 pcs (Adjustable)						
	Charging Current (max.)	4A		8A		12 A		16A
	Charging Voltage	13.65V x N (N=16~20)						
<b>INDICATORS</b>								
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault							
<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)	815 x 300 x 1000		N/A				
	Net Weight (kgs)	205	230	N/A				
Long-run Model	Dimension, D x W x H (mm)	592 x 250 x 576		790 x 360 x 900	850 x 550 x 1500	950 x 550 x 1700	1000 x 650 x 2100	
	Net Weight (kgs)	43	45	95	150	185	250	
<b>ENVIRONMENT</b>								
Operation Temperature	0-40°C							
Operation Humidity	<95% and non-condensing							
Noise Level	Less than 75dB @ 1 Meter							
<b>MANAGEMENT</b>								
Smart RS-232 / USB	Supports Windows* 2000/2003/XP/Vista/2008, Windows* 7/8, Linux and MAC							
Optional SNMP	Power management from SNMP manager and web browser							

\*If output voltage is set as 3 x 360VAC, the output power of the unit will be de-rated to 90%.  
Product specifications are subject to change without further notice