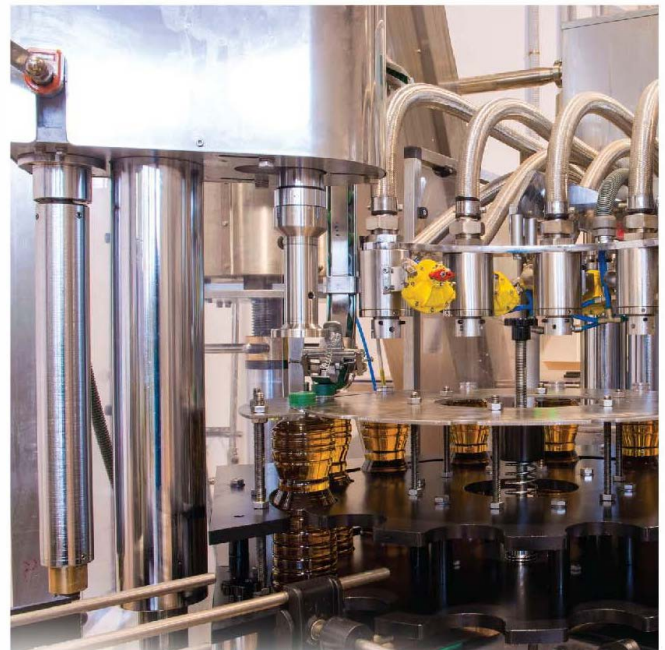


# Galleon Pro II 3P Series

30KVA - 200KVA

Online Double Conversion

3 Phase In / 3 Phase Out UPS



- True double-conversion sinewave UPS
- 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
- Emergency Power Off (EPO) feature available
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery quantities for KS model
- Adjustable charging current only available for 100KVA and higher model
- 10" touch colored LCD only available for 100KVA and higher model (Optional)
- Maintenance bypass available
- Generator Compatible
- Cold Start Capability



30KVA - 80KVA (front view)



30KVA (rear view)

# Galleon Pro II 3P Series

3 Phase In / 3 Phase Out



100KVA - 120KVA

## Technical Specification

MODEL (Galleon Pro II 3P)	30K (KS)*	40K (KS)*	60KS	80KS	100KS	120KS	160KS	200KS
PHASE	3-phase in / 3-phase out							
CAPACITY	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				208-478 VAC (3-phase) @ 70% load 305-478 VAC (3-phase) @ 100% load			
Frequency Range	46 ~ 54 Hz or 56 ~ 64Hz				40 ~ 70Hz			
Power Factor	≥ 0.99 @ 100% Load							
<b>OUTPUT</b>								
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)				3 x 380/400/415 VAC (3Ph+N)			
AC Voltage Regulation (Batt. Mode)	±1%							
Frequency Range	46 ~ 54 Hz or 56 ~ 64Hz							
Synchronized Range	50Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz							
Batt. Mode	3:1 (max)							
Current Crest Ratio	≤ 2 % THD (Linear Load) ; ≤ 4% THD (Non-linear Load)							
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 4% THD (Non-linear Load)				≤ 2 % THD (Linear Load) ; ≤ 4% THD (Non-linear Load)			
Transfer Time	0 ms							
AC Mode to Batt. Mode	0 ms							
Inverter to Bypass	Pure Sinewave							
Waveform (Batt. Mode)	Pure Sinewave							
Overload	100-110% for 10 min, 110-130% for 1 min, > 130% for 1 second				105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min, > 150% for 200ms			
Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, > 130% for 1 second				105-110% for 1 hr, 111-125% for 10 min, 126-150% for 1 min, > 150% for 200ms			
Parallel Capacity	up to 3 units in parallel				up to 2 units in parallel			
<b>EFFICIENCY</b>								
AC Mode	94.0 %				94.5 %			
ECO Mode	97.0 %				98.0 %			
Battery Mode	93.5 %				94.5 %			
<b>BATTERY</b>								
Standard Model	Battery Type	12V 7Ah	12V 9Ah					
	Quantity	(16 + 16) pcs x 2 strings			N/A			
	Typical Recharge Time	9 hours recover to 90% capacity						
	Charging Current (max.)	2A						
	Charging Voltage	+/- 218 VDC						
Extended Model	Battery Type	Depending on the capacity of external batteries						
	Quantity	32 ~ 40 pcs (Adjustable)						
	Charging Current (max.)	4A	8A	24A	32A	40A	48A	
	Charging Voltage	+/- 13.65V x N (N = 16 ~ 20)				+/- 13.7V x N (N = 16 ~ 20)		
<b>INDICATORS</b>								
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				5.7" monochrome LCD or 10" Touch Type color LCD (optional)			
<b>ALARM</b>								
Battery Mode	Beeping every 4 sec				Beeping every 2 sec			
Low Battery	Beeping every sec				Beeping every 0.5 sec			
Overload	Beeping twice every sec				Beeping every sec			
Fault	Continuous beeping							
<b>PHYSICAL</b>								
Dimension, W x D x H (mm)	300 x 815 x 1000		360 x 790 x 1010		567 x 940 x 1000		567 x 1040 x 1442	
Net Weight (kg)	205(K) / 60(KS)   230(K) / 61(KS)		108	113	194	229	301	335
<b>ENVIRONMENT</b>								
Operation Temperature	0 - 40°C							
Operation Humidity	< 95% and non-condensing							
Noise Level	< 60dB@1 meter	< 70dB@1 meter	< 75dB@1 meter	< 70dB@1 meter	< 73dB@1 meter			
<b>POWER MANAGEMENT</b>								
Smart RS-232 / USB	Yes; Support Windows® family, Unix, Linux, Ubuntu, Solaris & MAC Operating System							
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%.

• In the interests of continuous product improvement, all specifications are subject to change without notice.