

# Galleon Pro 3P/1P Tower



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.9
- 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
- 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

ONLINE UPS

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

MODEL		Galleon Pro 3/1-10K (L)	Galleon Pro 3/1-15K (L)	Galleon Pro 3/1-20K (L)	Galleon Pro 3/1-30K (L)
PHASE		3-phase in / 1-phase out			
CAPACITY		10000 VA / 9000 W	15000 VA / 13500 W	20000 VA / 18000 W	30000 VA / 27000 W
<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		46-54Hz or 56-64Hz			
Power Factor		≥ 0.99 @ 100% Load			
THDi		< 6% @ 100% load			
<b>OUTPUT</b>					
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 (max.)			
Harmonic Distortion		≤ 2 % THD (Line ar Load) ≤ 5 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
<b>EFFICIENCY</b>					
AC Mode		91.5%	91.8%	91.8%	92.1%
ECO Mode		97%	97%	97%	97%
Battery Mode		87%	88%	88%	89%
<b>BATTERY</b>					
Battery Type		12 V / 9 Ah			
Standard Model	Numbers	20 pcs (18 - 20 pcs adjustable)*	20 pcs (18 - 20 pcs adjustable)* x 2 strings		20pcs(18-20pcs adjustable)* x3 strings
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A	2A	2A	4A
	Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)			
Long-run Model	Battery Type	Depending on applications			
	Numbers				
	Charging Current (max.)	4A	8A	8A	12A
Charging Voltage		273 VDC ± 1% (Based on 20pcs batteries)			
<b>INDICATORS</b>					
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
<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)	592 x 250 x 576	815 x 250 x 826		815 x 300 x 1000
	Net Weight (kgs)	83	164	164	234
Long-run Model	Dimension, D X W X H (mm)	592 x 250 x 576	592 x 250 x 576	592 x 250 x 576	815 x 250 x 826
	Net Weight (kgs)	28	40	40	64
<b>ENVIRONMENT</b>					
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
<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			

\* L means long-run model.  
 \*\*When using internal batteries from 18-19, the unit will de-rate according to below formula: P = P<sub>Rating</sub> x N/20.  
 \*\*\*Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC.  
 Product specifications are subject to change without further notice

# Galleon Pro 3P/1P Rackmount



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 0.9
- 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 Pro 3-phase in / 1-phase out Rack Online UPS Selection Guide

MODEL		Galleon Pro 3/1-10KR (L)	Galleon Pro 3/1-15KR (L)	Galleon Pro 3/1-20KR (L)
PHASE		3-phase in / 1-phase out		
CAPACITY		10000 VA/9000 W	15000 VA/13500 W	20000 VA / 18000 W
<b>INPUT</b>				
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		
<b>OUTPUT</b>				
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		
<b>EFFICIENCY</b>				
AC Mode		90.5%		91%
ECO Mode		96%		96%
Battery Mode		87%		88%
<b>BATTERY</b>				
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)		
<b>INDICATORS</b>				
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions		
<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)	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
<b>ENVIRONMENT</b>				
Operation Humidity		0-95 % RH @ 0- 40°C (Non-condensing)		
Noise Level		Less than 60dB @ 1 Meter	Less than 65dB @ 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		

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