

# Galleon One ISO 6KVA/10KVA



Galleon One ISO 6K/10K/10KL      Galleon One ISO 6KL

- True double-conversion
- DSP technology guarantees high performance
- Built-in isolation transformer offers full isolation and complete common mode noise rejection
- Wide input voltage range (110-300 VAC)
- Active input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- Optional charger capacity expansion to 12A for long-run models
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers (16-20 pieces) for long-run models
- Maintenance bypass available
- Optional N+X parallel redundancy

## Galleon One ISO Online UPS Selection Guide

MODEL	Galleon One ISO 6K	Galleon One ISO 6KL	Galleon One ISO 10K	Galleon One ISO 10K
PHASE	1 phase in / 1 phase out			
CAPACITY	6000 VA / 6000 W		10000 VA / 10000 W	
<b>INPUT</b>				
Nominal Voltage	208/220/230/240 VAC			
Voltage Range	1110~300Vac @(0~60%) Load ; 170~300Vac @(60~100%) Load			
Frequency Range	46~54 Hz ◎ 50Hz / 56~64 Hz ◎ 60Hz			
Phase	Single phase with ground			
Power Factor	≥ 0.99 @ full load			
Input Current Distortion THDI %	≤ 4% @100% Load ; ≤ 6% @50% Load			
<b>OUTPUT</b>				
Output Voltage	208/220/230/240 or 2*104/2*110/2*115/2*120 VAC			
AC Voltage Regulation (Batt. Mode)	± 2%			
Frequency Range (Synchronized Range)	46~54 Hz ◎ 50Hz / 56~64 Hz ◎ 60Hz			
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio	2.6:1 (max.)			
Harmonic Distortion	≤ 2% @ 100% Linear Load; ≤ 6% @ 100% Non-linear Load			
Transfer Time	AC Mode to Batt. Mode	Zero		
	Inverter to Bypass	Zero		
Waveform (Batt. Mode)	Pure Sinewave			
Overload	AC Mode	100%~110%: 10min ; 110%~130%: 1min ; >130% : 1sec		
	Battery Mode	100%~110%: 30sec ; 110%~130%: 10sec ; >130% : 1sec		
<b>EFFICIENCY</b>				
AC Mode	89%			
Battery Mode	87%			
<b>BATTERY</b>				
Battery Type	12 V / 7 Ah	Depending on applications	12 V / 9 Ah	Depending on applications
Numbers	20	16-20	20	16-20
Typical Recharge Time	7 hours recover to 90% capacity	Depending on external battery capacity	9 hours recover to 90% capacity	Depending on external battery capacity
Charging Current (max.)	1.0 A	4.0 A, optional 12.0 A	1.0 A	4.0 A, optional 12.0 A
Charging Voltage	273 VDC ± 1%	13.65 x Battery Number VDC ± 1%	273 VDC ± 1%	13.65 x Battery Number VDC ± 1%
<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 2 seconds			
Overload	Sounding twice every second			
Fault	Continuously sounding			
<b>PHYSICAL</b>				
Dimension, D x W x H (mm)	592 x 250 x 826	592 x 250 x 576	592 x 250 x 826	592 x 250 x 826
Net Weight (kgs)	117	63	142	88
<b>ENVIRONMENT</b>				
Operating Humidity	20-95 % RH @ 0- 40°C (Non-condensing)			
Noise Level	Less than 55dB @1Meter		Less than 58dB @1Meter	
<b>MANAGEMENT</b>				
Smart RS-232/USB	Supports Windows® Family, Linux and MAC			
Optional SNMP	Power management from SNMP manager and web browser			

\* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.  
 \*\*If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.  
 \* L means long-run model  
 Product specifications are subject to change without further notice.