

Galleon One ISO 6KVA/10KVA



Galleon One ISO 6K/10K/10KL

Galleon One ISO 6KL

- True double-conversion
- DSP technology guarantees high performance with IGBT
- 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)
- Power Factor 1.0 output
- 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		2 phase out			
CAPACITY		6000 VA / 6000 W		10000 VA / 10000 W	
INPUT					
Nominal Voltage		208/220/230/240 VAC			
Voltage Range		110–300Vac @ (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			
OUTPUT					
Output Voltage		208/220/230/240 or 2*104/2*110/2*115/2*120 VAC			
AC Voltage Regulation (Batt. Mode)		± 3%			
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			
EFFICIENCY					
AC Mode		93%			
Battery Mode		91%			
BATTERY					
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% capacit	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%
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 2 seconds			
Overload		Sounding twice every second			
Fault		Continuously sounding			
PHYSICAL					
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
ENVIRONMENT					
Operating Humidity		20-95 % RH @ 0- 40°C (Non-condensing)			
Noise Level		Less than 52dB @1Meter		Less than 55dB @1Meter	
MANAGEMENT					
Smart RS-232/USB		Supports Windows®, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			
Certifications		UL 1778 – RETIE – IEC 62040-1 - IEC 62040-2 - IEC 62040-3			

* 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.