

Galleon III 3P/3P & 3P/1P & 1P/1P



- True double-conversion
- Flexible system configuration as 3-in/3-out, 3-in/1-out or 1-in/1-out
- DSP technology guarantees high performance
- Output power factor 1.0
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Dual AC inputs
- Emergency power off function (EPO)
- Generator compatible
- Adjustable battery numbers for long-run model
- Parallel operation up to 4 units with common battery

Galleon III 3P/3P, 3P/1P, 1P/1P Online UPS Selection Guide

MODEL		Galleon III 33/31/11 10K(L) Tower		Galleon III 33/31/11 20K(L) Tower	
PHASE		3Ph in/ 3Ph out or 3Ph in 1Ph out or 1Ph in 1Ph out			
CAPACITY		10KVA/10KW		20KVA / 20KW	
PARALLEL CAPACITY		4			
INPUT					
Nominal Voltage		3 x 380/400/415VAC (3Ph+N) or 220/230/240VAC (1Ph+N)			
Voltage Range		190-520 VAC @ 50% load; 305-478 VAC @ 100% load			
Frequency Range		46~54 Hz or 56~64Hz			
Power Factor		≥ 0.99 @ 100% load			
Harmonic Distortion (THDi)		< 4% at full linear load			
OUTPUT					
Output Voltage		3 x 380/400/415VAC (3Ph+N) or 220/230/240VAC (1Ph+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 Sinewave			
Overload	AC Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% 1min, >150% immediately			
	Battery Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% 1min, >150% immediately			
BYPASS					
Nominal Voltage		3 x 380/400/415VAC (3Ph+N) or 220/230/240VAC(1Ph+N)			
Voltage Range		305 VAC ~ 457 VAC			
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz			
Overload Capability		> 130% : 1 minute (default), continuously working until breaker protection (optional)			
EFFICIENCY					
AC Mode		95.5%		96%	
ECO Mode				98.5%	
Battery Mode		94.5%		95.5%	
BATTERY					
Standard Model	Battery Type	12V / 9Ah		12V / 9Ah	
	Numbers(default)	(10+10) pcs		(16+16) PCS	
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A (default)			
Long-run Model	Charging Voltage	+/-136.5 VDC		+/-218VDC	
	Battery Type	Depending on the capacity of external batteries			
	Numbers	±8-10		±16-20	
	Charging Current (max.)	1A~18A (Adjustable)			
	Charging Voltage	+/-13.65V*N (N = 8~10)		+/-13.65V*N (N = 16~20)	
INDICATORS					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
PHYSICAL					
Standard Model	Dimension, D x W x H (mm)	630 x 250 x 826			
	Net Weight (kgs)	80		133	
Long-run Model	Dimension, D x W x H (mm)	630 x 250 x 826			
	Net Weight (kgs)	25		37	
ENVIRONMENT					
Operation Temperature		0-40°C			
Operation Humidity		<95% and non-condensing			
Altitude		0 ~ 1500m at full load			
Noise Level		Less than 62dB @ 1 Meter		Less than 65dB @ 1 Meter	
STANDARDS					
Safety		EN 62040-1:2008/A1:2013;IEC 62040-1:2008/A1:2013;CE low voltage directive			
EMC		EN 62040-2: 2006(C3) CE EMC directive			
MANAGEMENT					
Smart RS-232/USB		Supports Windows® family, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

Product specifications are subject to change without further notice.