

Galleon III 3P/3P



100KL/120KL/180KL / 200KL

60KL/30K(L)

- DSP technology guarantees high performance
- Output power factor 1.0
- Pluggable power module design
- Front access design for easy maintenance
- Active power factor correction in all phases
- Emergency power off function (EPO)
- Dual AC inputs
- Parallel operation up to 4 units with common battery
- Power walk-in function while parallel operation
- Generator compatible
- Adjustable battery numbers
- Maintenance bypass available
- 3-stage extendable charging design for optimized battery performance
- Optional isolation transformer offers full isolation and complete common mode noise rejection

S E R V I C E

Product Outlook

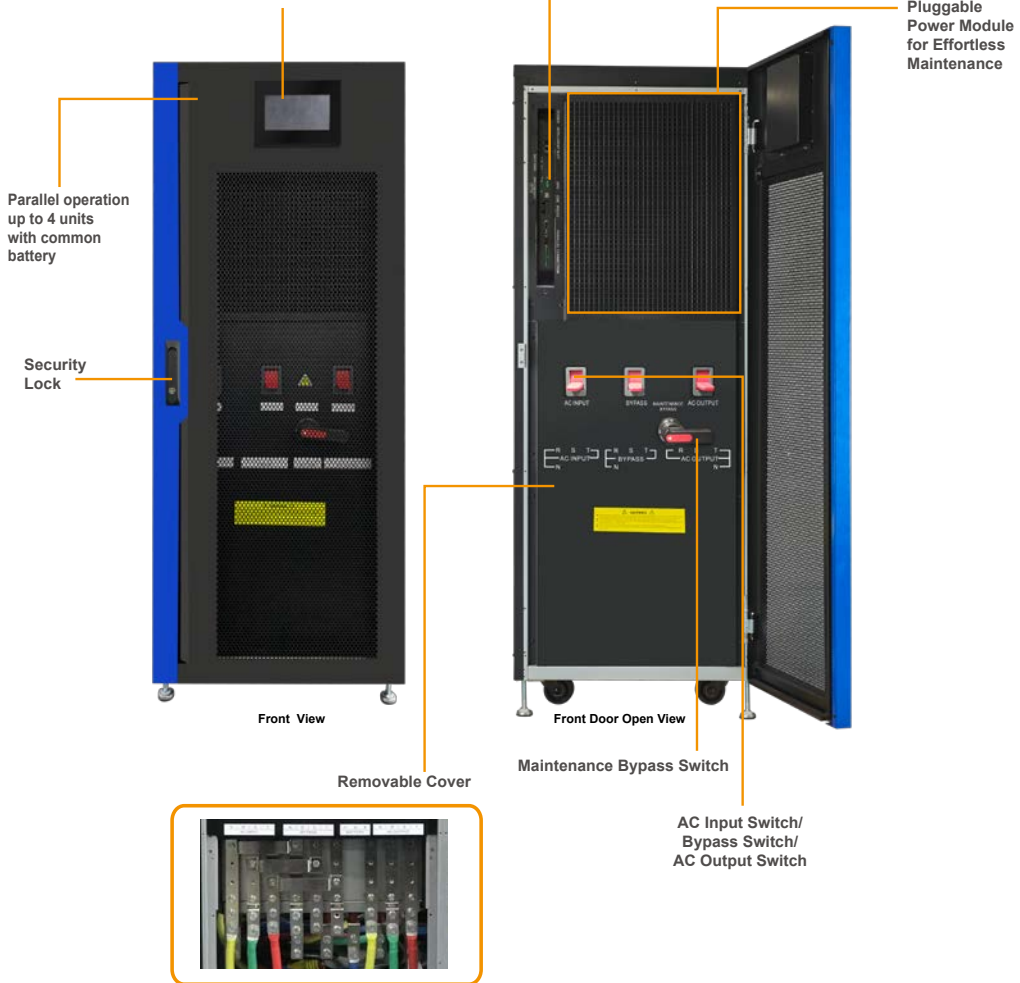
7" touch LCD screen (for 100K-200K models)

- Customized logo and startup music
- Dynamic password optimizes service performance
- Adjustable charging current via LCD panel
- Human voice for the warning / error codes notice

Standard multiple communication available

Two optional advanced communications for selection:

- Dry contact with 8 inputs and 6 outputs
- Battery temperature, USB OTG, CAN, RS485 and EMBS



Parallel operation up to 4 units with common battery

Security Lock

Front View

Front Door Open View

Pluggable Power Module for Effortless Maintenance

Removable Cover

Maintenance Bypass Switch

AC Input Switch/
Bypass Switch/
AC Output Switch

Front Access Design for Terminal Wiring and Easy Maintenance

Galleon III 3P/3P Online UPS Selection Guide

MODEL	30K(L)	60KL	100KL	120KL	180KL	200KL
PHASE	3-phase in / 3-phase out					
CAPACITY	30KVA / 30KW	60KVA / 60KW	100KVA / 100KW	120KVA / 120KW	180KVA / 180KW	200KVA / 200KW
PARALLEL CAPABILITY	4					
INPUT						
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)					
Voltage Range	110-300 VAC @ 50% load ; 176-276 VAC @ 100% load					
Frequency Range	40~70 Hz					
Power Factor	≥ 0.99 @ 100% load					
Harmonic Distortion (THDi)	< 4% at full linear load					
OUTPUT						
Output Voltage	3 x 360*/380*/400/415 VAC (3Ph+N)					
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz					
Frequency Range (Batt. Mode)	50/60 Hz ± 1%					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC mode to Battery mode	Zero				
	Inverter to Bypass	Zero				
Waveform (Batt. Mode)	Pure Sinewave					
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% immediately shutdown					
BYPASS						
Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)					
Voltage Range	305VAC~457VAC					
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%					
ECO Mode	98.5%					
Battery Mode	94.5 %					
BATTERY						
Standard Model	Battery Type	12V/7Ah		N/A		
	Numbers	(16+16) x 2				
	Charging Current (max.)	2A				
	Charging Voltage	+/- 13.65 V*N ± 1% (N = 16~20)				
Long-run Model	Battery Type	Depending on application				
	Numbers	32~40 pcs (Adjustable)				
	Charging Current (max.)	1A~12A, Adjustable	1-18A, Adjustable	2-36A, Adjustable	3-54A, Adjustable	
	Charging Voltage	+/-13.65V*N (N = 16~20)				
INDICATORS						
Touch color LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
PHYSICAL						
Standard Model	Dimension, DxWxH (mm)	815 x 300 x 1000		N/A		
	Net Weight (Kgs)	207				
Long-run Model	Dimension, DxWxH (mm)	815 x 300 x 1000	815 x 300 x 1000	974 x 600 x 1600		
	Net Weight (Kgs)	56	74	250	250	340
ENVIRONMENT						
Operating Temperature	0-40°C					
Operating Humidity	< 95 % and non-condensing					
Altitude**	0 ~ 1000m at full load					
Noise Level	Less than 65 dB @ 1 Meter	Less than 70 dB @ 1 Meter	Less than 75 dB @ 1 Meter			
MANAGEMENT						
Smart RS-232/USB	Supports Windows® Family, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

*When output voltage is set as 3 x 360VAC or 3 x 380VAC, the output power of the unit will be de-rated to 90%.

**If the UPS is installed or used in a place where the altitude is higher than maximum height, the output power will be derated 1% per 100m. Product specifications are subject to change without further notice.