

# Galleon III 3P/3P LV 50-100KVA



50KL / 60KL / 90KL / 100KL

- 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 P E C I F I C A T I O N S

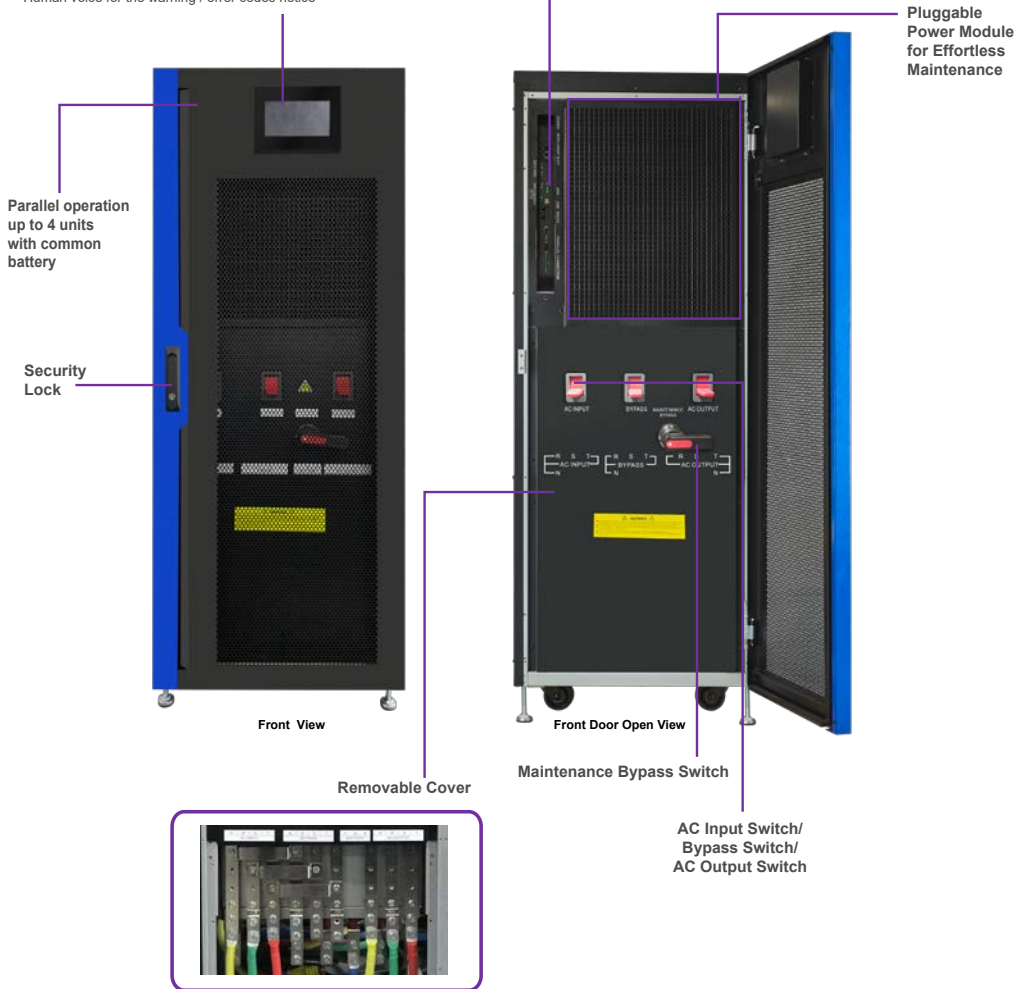
## Product Outlook

### 7" touch LCD screen

- 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

Removable Cover

Maintenance Bypass Switch

Pluggable Power Module for Effortless Maintenance

AC Input Switch/ Bypass Switch/ AC Output Switch

Front Access Design for Terminal Wiring and Easy Maintenance

## Galleon III 3-Phase in/3-Phase out 208/220Vac Online UPS Selection Guide

MODEL		50KL	60KL	90KL	100KL
<b>PHASE</b>		3-phase in / 3-phase out			
<b>CAPACITY</b>		50KVA / 50KW	60KVA / 60KW	90KVA / 90KW	100KVA / 100KW
<b>PARALLEL CAPABILITY</b>		4			
<b>INPUT</b>					
Nominal Voltage		3 x 208 / 220 VAC (3Ph+N)			
Voltage Range		70-156 VAC @ 50% load ; 88-146 VAC @ 100% load			
Frequency Range		40~70 Hz			
Power Factor		≥ 0.99 @ 100% load			
Harmonic Distortion (THDi)		< 4% at full linear load			
<b>OUTPUT</b>					
Output Voltage		3 x 208 / 220 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			
<b>BYPASS</b>					
Nominal Voltage		3 x 208 / 220 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)			
<b>EFFICIENCY</b>					
AC Mode		93.5%			
ECO Mode		98.5%			
Battery Mode		92.5%			
<b>BATTERY</b>					
Standard Model	Battery Type	N/A			
	Numbers				
	Charging Current (max.)				
	Charging Voltage				
Long-run Model	Battery Type	Depending on application			
	Numbers	32~40 pcs (Adjustable)			
	Charging Current (max.)	2-36A, Adjustable	3-54A, Adjustable		
	Charging Voltage	+/-13.65V*N (N = 16~20)			
<b>INDICATORS</b>					
Touch color LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
<b>PHYSICAL</b>					
Standard Model	Dimension, DxWxH (mm)	N/A			
	Net Weight (Kgs)				
Long-run Model	Dimension, DxWxH (mm)	974 x 600 x 1600			
	Net Weight (Kgs)	250	250	340	345
<b>ENVIRONMENT</b>					
Operating Temperature		0-40°C			
Operating Humidity		< 95 % and non-condensing			
Altitude**		0 ~ 1000m at full load			
Noise Level		Less than 75 dB @ 1 Meter			
<b>MANAGEMENT</b>					
Smart RS-232/USB		Supports Windows® Family, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

\*\*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.