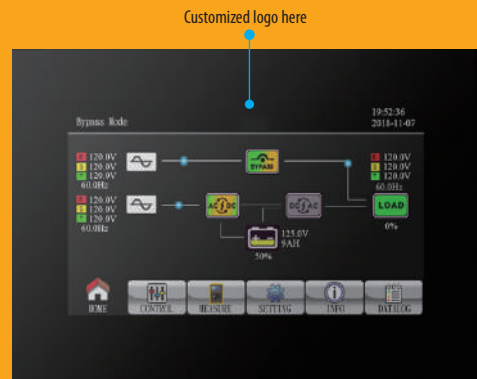




GTECH 3P/3P LV



5" Color Touch LCD Display

• DSP technology guarantees high reliability

A Digital Signal Processor (DSP) technology digitizes the data and mathematically manipulates them to provide an improved solution with higher performance.

• Output power factor 1

For critical applications, this 3-phase online UPS with output power factor 1.0 ensures higher efficiency and advanced performance.

• Active power factor correction in all phases

Power factor correction is active in all phases and it can improve the efficiency of input.

• Dual Inputs

Galleon II 33 series is also available for optional dual inputs to support various inputs to have flexibility for system configuration.

• 50Hz/60Hz frequency converter mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipments.

• ECO mode operation for energy saving

ECO mode improves the efficiency up to 98% to cut energy usage & cost. In this mode, loads are supplied by the mains directly. While mains failure, the UPS will constantly supply the power to the connected device without any interruption.

• Emergency power off function (EPO)

In case of any emergency and fire, the EPO control mechanism can instantly shut down the system.

• Adjustable charging current

Users can adjust charging current via LCD setting based on applications.

• Very powerful charger

Galleon II 33 series is built-in super charger.

10K: 10A maximum

15~20K: 20A maximum

30K~40K: 24A maximum

It's also support very long runtime applications when connecting to big capacity of external battery cabinet.

• Parallel operation with common battery

Maximum three UPSs can be operated in parallel, increasing the capacity and performance. Besides, this parallel UPS system can share common battery packs which might greatly reduce the expense and reach the same performance.

• High overload capability

Supporting 110% overload capacity for 60 min and up to 1 min overload condition at 150% load.

• Adjustable battery design

The number of connected batteries can be adjusted flexibly based on different power demands. This feature can allow UPS to keep running even when some battery packs are damaged.

GTECH 3-phase in/3-phase out LV (UL) Online UPS Selection Guide

S E R V I C E

MODEL	10K (L)	15K(L)	20K (L)	30KL	40KL	
PHASE	3-phase in / 3-phase out					
CAPACITY	10KVA /10KW	15KVA /15KW	20KVA /20KW	30KVA /30KW	40KV /40KW	
INPUT						
Nominal Voltage	3 x 208/220 VAC (Ph-Ph) 3 x 120/127 VAC (Ph-N)					
Voltage Range	138~270 VAC (3-phase) @ 50% load; 173~253 VAC (3-phase) @ 100% load 80~156 VAC (Ph-N) @ 50% load ; 100~146 VAC (Ph-N) @ 100% load					
Frequency Range	46~54 Hz or 56~64Hz					
Power Factor	≧ 0.99 @ 100% Load					
OUTPUT						
Output Voltage	3 x 208/220 VAC (Ph-Ph) 3 x 120/127 VAC (Ph-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) ; ≤ 4 % THD (Non-linear Load PF≥0.8)					
Transfer Time	AC Mode to Batt. Mode	Zero				
	Inverter to Bypass	Zero				
Waveform (Batt. Mode)	Pure Sine wave					
Overload	AC Mode	100-110% for 1 hr, 110-130% for 1 min, >130% for 1 second				
	Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second				
EFFICIENCY						
AC Mode	93%					
ECO Mode	97%					
Battery Mode	92.5%					
BATTERY						
Standard Model	Battery Type	12 V/9 Ah	12 V/9 Ah	12 V/9 Ah	12 V/7 Ah	12 V/9 Ah
	Numbers	(10+10)pcs x 1 string Optional for max. 2 strings	(10+10)pcs x 2 strings Optional for max. 3 strings	(10+10)pcs x 3 strings	N/A	
	Typical Recharge Time	9 hours recover to 90% capacity				N/A
	Charging Current (max.)	1A~12A (Adjustable) Max. 12A	4A/8A/12A (Adjustable) Optional parallel up to Max. 20A			
	Charging Voltage	+/-136.5 VDC ± 10%				
Long-run Model	Battery Type	Depending on the capacity of external batteries				
	Numbers	16~20 pcs (Adjustable)				
	Charging Current (max.)	1A~12A (Adjustable) Max. 12A	4A/8A/12A (Adjustable) Optional parallel up to Max. 20A		8A/16A/24A (Adjustable)	
	Charging Voltage	+/-13.65V*N (N = 8~10)				
INDICATORS						
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
PHYSICAL						
Standard Model	Dimension,DxWxH (mm)	667 x 250 x 826	865 x 300 x 1020		N/A	
	Net Weight (kgs)	95	181	231		
Long-run Model	Dimension,DxWxH (mm)	667 x 250 x 826	865 x 300 x 1020		790 x 420 x 1200	
	Net Weight (kgs)	45	80	81	150	160
ENVIRONMENT						
Operation Temperature	0-40°C					
Operation Humidity	< 95% and non-condensing					
Noise Level	Less than 60dB @ 1 Meter	Less than 70dB @1 Meter			Less than 75dB@ 1 Meter	
MANAGEMENT						
Smart RS-232 / USB	Supports Windows* 2000/2003/XP/Vista/2008, Windows* 7/8/10, 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 above than 1000m, the output power must be derated 1% per 100m.
Product specifications are subject to change without further notice.