

# Galleon III 3P/3P 30K~60K Rack



- True double-conversion
- LCD screen auto-rotation with Rack position (only for 30KL & 40KL models)
- DSP technology guarantees high performance
- Output power factor 1
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- Supports dual AC inputs
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Parallel operation with common battery

## GALLEON III 3P/3P 30K~60K RACK Online UPS Selection Guide

| MODEL                                |                         | 30KL                                                                             | 40KL                     | 60KL                  |
|--------------------------------------|-------------------------|----------------------------------------------------------------------------------|--------------------------|-----------------------|
| PHASE                                |                         | 3-phase in / 3-phase out                                                         |                          |                       |
| CAPACITY                             |                         | 30KVA/30KW                                                                       | 40KVA/40KW               | 60KVA/60KW            |
| PARALLEL CAPABILITY                  |                         | 4                                                                                |                          |                       |
| INPUT                                |                         |                                                                                  |                          |                       |
| Nominal Voltage                      |                         | 3x 380/400/415 VAC (3Ph+N)                                                       |                          |                       |
| Voltage Range                        |                         | 190-520 VAC (3-phase) @ 50% load<br>305-478 VAC (3-phase) @ 100% load            |                          |                       |
| Frequency                            |                         | 46~54 Hz or 56~64Hz                                                              |                          |                       |
| Power Factor                         |                         | ≥ 0.99 @ 100% load                                                               |                          |                       |
| OUTPUT                               |                         |                                                                                  |                          |                       |
| Output Voltage                       |                         | 3x 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 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 Battery 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% for 1 min; >150% immediately |                          |                       |
|                                      | Battery Mode            | 100-110% for 60 min, 110-125% for 10 min, 125%~150% for 1 min; >150% immediately |                          |                       |
| EFFICIENCY                           |                         |                                                                                  |                          |                       |
| AC Mode                              |                         | 95.5%                                                                            |                          |                       |
| ECO Mode                             |                         | 98.5%                                                                            |                          |                       |
| Battery Mode                         |                         | 94.5%                                                                            |                          |                       |
| BATTERY                              |                         |                                                                                  |                          |                       |
| Battery Type                         |                         | Depending on the applications                                                    |                          |                       |
| Battery Numbers                      |                         | ±16 ~±20 (Adjustable)                                                            |                          |                       |
| Charging Current (max.)              |                         | 1A~12A(Adjustable)                                                               | 1A ~ 12A (Adjustable)    | 1A ~ 18A (Adjustable) |
| Charging Voltage                     |                         | +/-13.65V x N (N=16~20)                                                          |                          |                       |
| PHYSICAL                             |                         |                                                                                  |                          |                       |
| Dimension, D x W x H (mm)            |                         | 680 x 438 x 133 [3U]                                                             |                          | 797x438x176 [4U]      |
| Net Weight (Kgs)                     |                         | 32                                                                               | 34                       | 45                    |
| ENVIRONMENT                          |                         |                                                                                  |                          |                       |
| Operating Temperature                |                         | 0-40°C                                                                           |                          |                       |
| Operating Humidity                   |                         | < 95 % and non-condensing                                                        |                          |                       |
| Noise Level                          |                         | Less than 65dB @ 1 Meter                                                         | Less than 70dB @ 1 Meter |                       |
| 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.