

# Galleon II 3P/3P 10-20KVA, III 3P/3P 30-40KVA



- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- Dual AC inputs
- Emergency power off function (EPO)
- Generator compatible
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Parallel operation up to 4 units with common battery
- Optional isolation transformer offers full isolation and complete common mode noise rejection

## Galleon II,III 3-phase in/3-phase out Online UPS Selection Guide

| MODEL                                |                         | 10K (L)*                                                                                           | 20K (L)*                | 30K (L)                           | 40K(L)                   |
|--------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|--------------------------|
| PHASE                                |                         | 3Ph in/ 3Ph out or 3Ph in 1Ph out or 1Ph in 1Ph out                                                |                         | 3-phase in / 3-phase out          |                          |
| CAPACITY                             |                         | 10KVA /10KW                                                                                        | 20KVA /20KW             | 30KVA /30KW                       | 40KVA /40KW              |
| PARALLEL CAPABILITY                  |                         | 4                                                                                                  |                         |                                   |                          |
| INPUT                                |                         |                                                                                                    |                         |                                   |                          |
| Nominal Voltage                      |                         | 3 x 400 VAC (3Ph+N) / 230 VAC (1Ph+N)                                                              |                         | 3 x 360/380/400/415 VAC (3Ph+N)   |                          |
| Voltage Range                        |                         | 110-300 VAC ± 3 % @ 50% load ; 176-276 VAC ± 3 % @ 100% load                                       |                         |                                   |                          |
| Frequency Range                      |                         | 46~54 Hz or 56~64Hz                                                                                |                         | 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) or 208/220/230/240 VAC (1Ph+N)                                      |                         | 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 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz                                                                   |                         | 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 Batt. Mode   | Zero                                                                                               |                         |                                   |                          |
|                                      | Inverter to Bypass      | Zero                                                                                               |                         |                                   |                          |
| Waveform (Batt. Mode)                |                         | Pure Sine wave                                                                                     |                         |                                   |                          |
| Overload                             | AC Mode                 | 100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% immediately shutdown          |                         |                                   |                          |
| Capability                           | Battery Mode            |                                                                                                    |                         |                                   |                          |
| BYPASS                               |                         |                                                                                                    |                         |                                   |                          |
| Nominal Voltage                      |                         | 3 x 380/400/415 VAC (3Ph+N)                                                                        |                         | 3 x 360/380/400/415 VAC (3Ph+N)   |                          |
| Voltage Range                        |                         | -30% ~ +20% (Adjustable)                                                                           |                         | 305VAC~457VAC                     |                          |
| Frequency Range (Synchronized Range) |                         | 46~54Hz or 56~64Hz                                                                                 |                         | 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/9Ah                                                                                            | 12V/9Ah                 | 12V/7Ah                           | 12V/9Ah                  |
|                                      | Numbers                 | (10+10) pcs                                                                                        | (16+16) pcs             | (16+16) pcs x 2                   | (16+16) pcs x 2          |
|                                      | Typical Recharge Time   | 9 hours recover to 90% capacity                                                                    |                         |                                   |                          |
|                                      | Charging Current (max.) | 1A (Default)                                                                                       |                         | 2A (Default)                      |                          |
| Long-run Model                       | Charging Voltage        | +/-136.5 VDC                                                                                       | +/-218 VDC              | +/- 13.65 V*N ± 1% (N = 16~20)    |                          |
|                                      | Battery Type            | Depending on the applications                                                                      |                         |                                   |                          |
|                                      | Numbers                 | 16~20 pcs (Adjustable)                                                                             | 32~40 pcs (Adjustable)  |                                   |                          |
|                                      | Charging Current (max.) | 1A ~ 12A (Adjustable)                                                                              |                         |                                   |                          |
|                                      | Charging Voltage        | +/-13.65V*N (N=8~10)                                                                               | +/-13.65V*N (N=16~20)   | +/-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,DxWxH (mm)    | 630 x 250 x 826                                                                                    |                         | 815 x 300 x 1000                  | 815 x 300 x 1000         |
|                                      | Net Weight (kgs)        | 124                                                                                                | 139                     | 207                               | 233                      |
| Long-run Model                       | Dimension,DxWxH (mm)    | 630 x 250 x 826                                                                                    |                         | 815 x 300 x 1000                  | 815 x 300 x 1000         |
|                                      | Net Weight (kgs)        | 37                                                                                                 | 43                      | 56                                | 56                       |
| ENVIRONMENT                          |                         |                                                                                                    |                         |                                   |                          |
| Operation Temperature                |                         | 0~40°C                                                                                             |                         |                                   |                          |
| Operation Humidity                   |                         | < 95% and non-condensing                                                                           |                         |                                   |                          |
| Altitude**                           |                         | 0 ~ 1500m at full load                                                                             |                         |                                   |                          |
| Noise Level                          |                         | Less than 60 dB@1 Meter                                                                            | Less than 65 dB@1 Meter | Less than 65 dB @ 1 Meter         | Less than 70 dB@ 1 Meter |
| MANAGEMENT                           |                         |                                                                                                    |                         |                                   |                          |
| Smart RS-232 / USB                   |                         | Supports Windows® Family, Linux and MAC                                                            |                         |                                   |                          |
| Optional SNMP                        |                         | Power management from SNMP manager and web browser                                                 |                         |                                   |                          |

\*If output voltage is set as 3 x 360VAC, 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.