

Galleon III 3P/3P 40K



- Equipped with new generation PCBA with optimized circuit design, control design and heat dissipation design
- DSP technology guarantees high performance
- Output power factor 1.0
- 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

Galleon III 3P/3P 40K Online UPS Specification

| MODEL | 40K(L) | |
|--------------------------------------|--|--------------------------------|
| PHASE | 3-phase in / 3-phase out | |
| CAPACITY | 40KVA/40KW | |
| 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/9Ah |
| | 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 |
| | 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) | 815x300x1000 |
| | Net Weight (Kgs) | 233 |
| Long-run Model | Dimension, DxWxH (mm) | 815x300x1000 |
| | Net Weight (Kgs) | 56 |
| ENVIRONMENT | | |
| Operating Temperature | 0-40°C | |
| Operating Humidity | < 95 % and non-condensing | |
| Altitude** | 0 ~ 1000m at full load | |
| Noise Level | 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 | |

*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.



Voltronic Power

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