

Galleon One 1KVA, 1.5KVA, 2KVA, 3KVA



- True double-conversion
- Output power factor 1
- Input power factor correction
- 50/60Hz Frequency Converter Mode
- ECO mode energy saving
- Emergency power off (EPO) function
- Provides over voltage cut-off protection and surge immunity by MOV for full time equipment protection
- High power factor charger up to 8A/12A capacity with very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Smart battery charger design to optimize battery performance
- Generator compatible
- Optional HID Power Device USB Port

Galleon One 1KVA, 1.5KVA, 2KVA, 3KVA Online UPS Selection Guide

| MODEL | | Galleon One 1K | | Galleon One 1.5K | | Galleon One 2K | | Galleon One 3K | |
|--|---------------------|--|--------------|------------------|--------------|-------------------------------|---------------------------------|------------------|--|
| PHASE | | Single phase with ground | | | | | | | |
| CAPACITY* | | 1000 VA / 1000 W | | 1500 VA / 1500W | | 2000 VA / 2000 W | | 3000 VA / 3000 W | |
| INPUT | | | | | | | | | |
| Nominal Voltage | | 100/110/115/120 /127 VAC or 200/208/220/230/240 VAC | | | | | | | |
| Voltage Range | | 55 - 150 VAC ± 3 % or 110 - 300 VAC ± 3 % at 50% load 80 - 150 VAC ± 3 % or 160 - 300 VAC ± 3 % at 100% load | | | | | | | |
| Frequency Range | | 40Hz ~ 70Hz | | | | | | | |
| Power Factor | | ≥ 0.99 @ nominal voltage (100% load) | | | | | | | |
| THDi% | | ≤ 5% | | | | | | | |
| OUTPUT | | | | | | | | | |
| Output Voltage | | 100*/110*/115*/120 /127 VAC or 200*/208*/220/230/240 VAC | | | | | | | |
| AC Voltage Regulation (Batt. Mode) | | ± 1% | | | | | | | |
| Frequency Range (Synchronized Range) | | 47 ~ 53 Hz or 57~63Hz | | | | | | | |
| Frequency Range (Batt. Mode) | | 50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz | | | | | | | |
| Current Crest Ratio | | 3:1 | | | | | | | |
| Harmonic Distortion | | ≤ 2% THD (Linear Load), ≤ 4 % THD (Non-linear Load) | | | | | | | |
| Transfer Time | AC to DC | Zero | | | | | | | |
| | Inverter to Bypass | 4 ms (Typical) | | | | | | | |
| | ECO to Battery Mode | 8 ms (Typical), 10 ms (max) | | | | | | | |
| Waveform (Batt. Mode) | | Pure Sinewave | | | | | | | |
| EFFICIENCY | | | | | | | | | |
| Line Mode | | ≥ 89% @ battery fully charged | | | | ≥ 91% @ battery fully charged | | | |
| ECO Mode | | ≥ 96% @ battery fully charged | | | | | | | |
| Battery Mode | | ≥ 88% | | | | ≥ 90% | | | |
| BATTERY | | | | | | | | | |
| Battery Type | | 12 V / 9 AH | 12 V / 7 AH | 12 V / 9 AH | 12 V / 9 AH | 12 V / 7 AH | 12 V / 9AH | | |
| Numbers | | 2 | 3 | 3 | 4 | 6 | 6 | | |
| Typical Recharge Time | | 3 hours recover to 95% capacity for internal battery@ 2A charging current | | | | | | | |
| Charging Current | | 100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable | | | | | Default: 2A, Max: 8A adjustable | | |
| Charging Voltage | | 27.4VDC ± 1% | 41.1VDC ± 1% | 41.1VDC ± 1% | 54.8VDC ± 1% | 82.2VDC ± 1% | 82.2VDC ± 1% | | |
| INDICATORS | | | | | | | | | |
| LCD Panel | | Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator | | | | | | | |
| ALARM | | | | | | | | | |
| Battery Mode | | Sounding every 5 seconds | | | | | | | |
| Low Battery | | Sounding every 2 seconds | | | | | | | |
| Overload | | Sounding every second | | | | | | | |
| Fault | | Continuously sounding | | | | | | | |
| PHYSICAL | | | | | | | | | |
| Dimension, D x W x H (mm) | | 397 x 145 x 220 | | | | 421 x 190 x 318 | | | |
| Net Weight (without battery) (kgs) | | 6.6 | 6.6 | 7 | 9.9 | 9.9 | 12.3 | | |
| Net Weight (w/ built-in battery) (kgs) | | 11.7 | 13 | 14.6 | 20.3 | 23.2 | 28 | | |
| ENVIRONMENT | | | | | | | | | |
| Humidity | | 20-95 % RH @ 0- 40°C (non-condensing) | | | | | | | |
| Noise Level | | Less than 50dBA @ 1 Meter with Fan speed control | | | | | | | |
| MANAGEMENT | | | | | | | | | |
| Smart RS-232 or 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 | | | | | | | |
| STANDARD | | | | | | | | | |
| EMC/Safetv | | EMC EN62040-2 C2 for CE models | | | | | | | |

*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.
Product specifications are subject to change without further notice.

Galleon One RT 1KVA, 1.5KVA, 2KVA, 3KVA



- True double-conversion
- Output power factor 1
- Built-in 2.8" touch LCD for comprehensive UPS status
- Output voltage regulation < 1%
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Hot swappable battery design
- ECO mode energy saving
- Provides over voltage cut-off protection and surge immunity by MOV for full time equipment protection
- High power factor charger up to 8A/12A capacity with very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Optional HID Power Device USB Port

Galleon One 1KVA, 1.5KVA, 2KVA, 3KVA Rack/Tower Online UPS Selection Guide

| MODEL | Galleon One RT 1K | | Galleon One RT 1.5K | | Galleon One RT 2K | | Galleon One RT 3K | |
|--|--|---------------|---------------------|--|------------------------------|---------------------------------|-------------------|--|
| PHASE | Single phase with ground | | | | | | | |
| CAPACITY* | 1000 VA / 1000 W | | 1500 VA / 1500 W | | 2000 VA / 2000 W | | 3000 VA / 3000 W | |
| INPUT | | | | | | | | |
| Nominal Voltage | 100/110/115/120/127 VAC or 200/208/220/230/240 VAC | | | | | | | |
| Voltage Range | 55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load | | | | | | | |
| Frequency Range | 40 Hz ~ 70 Hz | | | | | | | |
| Power Factor | ≧ 0.99 @ nominal voltage (100% load) | | | | | | | |
| Harmonic Distortion(THDi) | ≤ 5% @ nominal input voltage | | | | | | | |
| OUTPUT | | | | | | | | |
| Output Voltage | 100*/110*/115*/120/127 VAC or 200*/208*/220/230/240 VAC | | | | | | | |
| AC Voltage Regulation (Batt. Mode) | ± 1% | | | | | | | |
| Frequency Range (Synchronized Range) | 57 ~ 63 Hz or 47 ~ 53 Hz | | | | | | | |
| Frequency Range (Batt. Mode) | 60Hz ± 0.1Hz or 50 Hz ± 0.1Hz | | | | | | | |
| Current Crest Ratio | 3:1 (max.) | | | | | | | |
| Harmonic Distortion | ≤ 2 % THD (Linear Load) ; ≤ 4 % THD (Non-linear Load) | | | | | | | |
| Transfer Time | AC Mode to Batt. Mode | | Zero | | | | | |
| | Inverter to Bypass | | 4 ms (Typical) | | | | | |
| Waveform (Batt. Mode) | Pure Sinewave | | | | | | | |
| EFFICIENCY | | | | | | | | |
| AC Mode | ≥ 89% @ full charged battery | | | | ≥ 91% @ full charged battery | | | |
| ECO Mode | ≥ 96% @ full charged battery | | | | | | | |
| Battery Mode | ≥ 88% | | | | ≥ 90% | | | |
| BATTERY | | | | | | | | |
| Battery Type | 12 V / 9 Ah | 12 V / 7 Ah | 12 V / 9 Ah | | 12 V / 9 Ah | 12 V / 7 Ah | 12 V / 9 Ah | |
| Numbers | 2 | 3 | 3 | | 4 | 6 | 6 | |
| Typical Recharge Time | 3 hours recover to 95% capacity for internal battery@ 2A charging current | | | | | | | |
| Charging Current | 100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable | | | | | Default: 2A, Max: 8A adjustable | | |
| Charging Voltage | 27.4 VDC ± 1% | 41.1 VDC ± 1% | 41.1 VDC ± 1% | | 54.8 VDC ±1% | 82.1 VDC ±1% | 82.1 VDC ±1% | |
| ALARM | | | | | | | | |
| Battery Mode | Sounding every 5 seconds | | | | | | | |
| Low Battery | Sounding every 2 seconds | | | | | | | |
| Overload | Sounding every second | | | | | | | |
| Fault | Continuously sounding | | | | | | | |
| PHYSICAL | | | | | | | | |
| Dimension,DxWxH(mm) | 410 x 438 x 88 | | 410 x 438 x 88 | | 510 x 438 x 88 | 630 x 438 x 88 | 630 x 438 x 88 | |
| Net Weight (without battery) (kgs) | 6.6 | 7.8 | 8.1 | | 9.4 | 10.6 | 12.4 | |
| Net Weight (w/built-int battery) (kgs) | 11.6 | 14.1 | 15.5 | | 19.5 | 23.3 | 27.5 | |
| ENVIRONMENT | | | | | | | | |
| Humidity | 20-90 % RH @ 0- 40°C (non-condensing) | | | | | | | |
| Noise Level | Less than 50dB @ 1 Meter | | | | Less than 55dB @ 1 Meter | | | |
| MANAGEMENT | | | | | | | | |
| Smart RS-232/USB | Supports Windows® Family, Linux and MAC | | | | | | | |
| Optional SNMP | Power management from SNMP manager and web browser | | | | | | | |
| STANDARD | | | | | | | | |
| EMC/Safety | cTUVus (comply to UL1778), Fcc (1-1.5K Class B, 2-3K Class A) | | | | | | | |

*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.
Product specifications are subject to change without further notice

Galleon One 6KVA, 10KVA



Galleon One 6K, 10K (Attachable & Expandable battery bank) Galleon One 6KL, 10KL

- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- High efficiency up to 94%
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional N+X parallel redundancy
- Adjustable charging current via LCD panel
- Supporting Hot Standby function

Galleon One Online UPS Selection Guide

| MODEL | | Galleon One 6K(L) | Galleon One 10K(L) |
|--------------------------------------|---------------------------|--|------------------------|
| PHASE | | 1 phase in / 1 phase out | |
| CAPACITY | | 6000 VA / 6000 W | 10000 VA / 10000 W |
| INPUT | | | |
| Nominal Voltage | | 208/220/230/240 VAC | |
| Voltage Range | | 110~300VAC ± 3 % at 50% load ; 176~300VAC ± 3 % at 100% load | |
| Frequency Range | | 46~54 Hz or 56~64 Hz | |
| Phase | | Single phase with ground | |
| Power Factor | | ≥ 0.99 @ full load | |
| THDi | | < 4% @100% Load ; < 6% @50% Load | |
| OUTPUT | | | |
| Output Voltage | | 208/220/230/240 VAC | |
| AC Voltage Regulation (Batt. Mode) | | ± 1% | |
| Frequency Range (Synchronized Range) | | 46~54 Hz or 56~64 Hz | |
| Frequency Range (Batt. Mode) | | 50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz | |
| Current Crest Ratio | | 3:1 (max.) | |
| Harmonic Distortion | | ≤ 1 % THD (Linear Load) ; ≤ 4 % THD (Non-linear Load) | |
| Transfer Time | AC Mode to Batt. Mode | Zero | |
| | Inverter to Bypass | Zero | |
| Waveform (Batt. Mode) | | Pure Sinewave | |
| Overload | AC Mode | 100%~110% 10min ; 110%~130%: 1min ; >130% : 1sec | |
| | Battery Mode | 100%~110%: 30sec ; 110%~130%: 10sec ; >130% : 1sec | |
| EFFICIENCY | | | |
| AC Mode | | 94% | |
| Battery Mode | | 91% | |
| BATTERY | | | |
| Standard Model | Battery Type | 12 V / 7 Ah | 12 V / 9 Ah |
| | Numbers | 16 | |
| | Typical Recharge Time | 9 hours recover to 90% capacity | |
| | Charging Current (max.) | 1.0 A | |
| | Charging Voltage | 218.4 VDC ± 1% | |
| Long-run Model | Battery Type | Depending on applications | |
| | Numbers | 16-20** | |
| | Charging Current (max.) | 4.0 A | |
| | Charging Voltage | (13.65VDC x battery number) ± 1% | |
| INDICATORS | | | |
| LCD Display | | UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions | |
| ALARM | | | |
| Battery Mode | | Sounding every 4 seconds | |
| Low Battery | | Sounding every 2 seconds | |
| Overload | | Sounding twice every second | |
| Fault | | Continuously sounding | |
| PHYSICAL | | | |
| Standard Model | Dimension, D x W x H (mm) | 369 x 190 x 688 | 442 x 190 x 688 |
| | Net Weight (kgs) | 54 | 66 |
| Long-run Model | Dimension, D x W x H (mm) | 369 x 190 x 318 | 442 x 190 x 318 |
| | Net Weight (kgs) | 13 | 16 |
| ENVIRONMENT | | | |
| Operating Humidity | | 20-95 % RH @ 0- 40°C (Non-condensing) | |
| Noise Level | | Less than 55dB @1Meter | Less than 58dB @1Meter |
| MANAGEMENT | | | |
| Smart RS-232/USB | | Supports Windows® Family, Linux and MAC | |
| Optional SNMP | | Power management from SNMP manager and web browser | |

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.

**When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9

***If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

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Galleon One RT 6KVA, 10KVA



- True double-conversion
- Built-in 2.8" touch LCD for comprehensive UPS status
- DSP technology guarantees high performance
- Output power factor 1
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional N+X parallel redundancy
- Adjustable charging current via LCD panel
- Supporting Hot Standby function

Galleon One 6KVA, 10KVA Rack/Tower Online UPS Selection Guide

| MODEL | | Galleon One RT 6K(L) | Galleon One RT 10K(L) |
|--------------------------------------|---------------------------|--|---|
| PHASE | | 1 phase in / 1 phase out | |
| CAPACITY* | | 6000 VA / 6000 W | 10000 VA / 10000 W |
| INPUT | | | |
| Nominal Voltage | | 208/220/230/240 VAC | |
| Voltage Range | | 110~300VAC ± 3 % at 50% load 176~300VAC ± 3 % at 100% load | |
| Frequency Range | | 46~54 Hz ☉ 50Hz / 56~64 Hz ☉ 60Hz | |
| Power Factor | | ≥ 0.99 @ full load | |
| THDi | | < 4% @100% Load, < 6% @50% Load | |
| OUTPUT | | | |
| Output Voltage | | 208*/220/230/240 VAC | 208*/220/230/240 VAC |
| AC Voltage Regulation | | ± 1% | |
| Frequency Range (Synchronized Range) | | 46~54 Hz ☉ 50Hz / 56~64 Hz ☉ 60Hz | |
| Frequency Range (Batt. Mode) | | 50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz | |
| Current Crest Ratio | | 3:1 (max.) | |
| Harmonic Distortion | | ≤ 1% THD (Linear Load), ≤ 4% THD (Non-linear Load) | |
| Transfer Time | AC Mode to Batt. Mode | Zero | |
| | Inverter to Bypass | Zero | |
| Waveform (Batt. Mode) | | Pure Sinewave | |
| Overload | AC Mode | 100%~110%: 10min - 110%~130%: 1min - >130% : 1sec | |
| | Battery Mode | 100%~110%: 30sec - 110%~130%: 10sec - >130% : 1sec | |
| EFFICIENCY | | | |
| AC Mode | | 94% | 94% |
| ECO Mode | | 98.5% | 98.5% |
| Battery Mode | | 92% | 92% |
| BATTERY | | | |
| Standard Model | Battery Type | 12 V / 7 AH | 12 V / 9 AH |
| | Numbers | 16 | 16 |
| | Typical Recharge Time | 9 hours recover to 90% capacity | |
| | Charging Current (max.) | 1.0 A | |
| Long-run Model | Charging Voltage | 218.4 VDC ± 1% | 218.4 VDC ± 1% |
| | Battery Type | Depending on applications | |
| | Numbers | 16-20** | |
| | Charging Current (max.) | 4.0 A | |
| Charging Voltage | | (13.65VDC x battery number) ± 1% | |
| INDICATORS | | | |
| LCD Panel | | UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions | |
| ALARM | | | |
| Battery Mode | | Sounding every 4 seconds | |
| Low Battery | | Sounding every second | |
| Overload | | Sounding twice every second | |
| Fault | | Continuously sounding | |
| PHYSICAL | | | |
| Standard Model | Dimension, D x W x H (mm) | UPS Unit: 610x438x88 [2U] Battery Pack:715x438x88 [2U] | UPS Unit: 610x438x88 [2U] Battery Pack:715x438x88 [2U] |
| | Net Weight (kgs) | UPS Unit: 17 / Battery Pack: 48 | UPS Unit: 20 / Battery Pack: 53 |
| Long-run Model | Dimension, D x W x H (mm) | 610 x 438 x 88 [2U] | 610 x 438 x 88 [2U] |
| | Net Weight (kgs) | 17 | 20 |
| ENVIRONMENT | | | |
| Operating Humidity | | 20-90 % RH @ 0- 40°C (non-condensing) | |
| Noise Level | | Less than 55dB @ 1 Meter | Less than 58dB @ 1 Meter |
| MANAGEMENT | | | |
| Smart RS-232 / USB | | Supports Windows® Family, Linux and MAC | |
| Optional SNMP | | Power management from SNMP manager and web browser | |

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.

**When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9.

If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

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