

Galleon Rackmount



- True double-conversion
- Wide input voltage range (110-300 VAC)
- Input power factor correction 0.98
- Output Power Factor 0.8
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- Charger capacity expansion to 8A for long-run models
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage: 208-240VAC, 110-127VAC
- Optional isolation transformer offers full isolation and complete common mode noise rejection

GALLEON 1K/1.5K/2K/3K RACKMOUNT ONLINE UPS SELECTION GUIDE

MODEL		Galleon 1KR (L)	Galleon 1.5KR (L)	Galleon 2KR (L)	Galleon 3KR (L)	EXB-R1	EXB-R2
CAPACITY		1000 VA / 800 W	1500 VA / 1200 W	2000 VA / 1600 W	3000 VA / 2400 W	28Ah/36Vdc	14Ah/72Vdc
INPUT							
Voltage Range	Low Line Transfer	160 VAC / 140 VAC / 120 VAC / 110 VAC ± 5 % or 80 VAC / 70 VAC / 60 VAC / 50 VAC ± 5 % (based on load percentage - 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)					
	Low Line Comeback	175 VAC ± 5 % or 85 VAC ± 5 %					
	High Line Transfer	300 VAC ± 5 % or 150 VAC ± 5 %					
	High Line Comeback	290 VAC ± 5 % or 145 VAC ± 5 %					
Frequency Range		40 Hz ~ 70 Hz					
Phase		Single phase with ground					
Power Factor		≥ 0.95					
OUTPUT							
AC Voltage Regulation (Batt. Mode)		± 3%					
Frequency Range (Synchronized Range)		47.5Hz ~ 52.5 Hz or 57Hz ~ 63 Hz					
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz					
Current Crest Ratio		3:1					
Harmonic Distortion		≤ 3 % THD (Linear Load), ≤ 6 % THD (Non-linear Load)		≤ 4 % THD (Linear Load) ≤ 7 % 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		85%		88%			
Battery Mode		83%					
BATTERY							
Standard Model	Battery Type	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	
	Numbers	3	3	6	6	12	12
	Typical Recharge Time	4 hours recover to 90% capacity					
	Charging Current (max.)	1.0 A					
Long-run Model	Charging Voltage	41.0 VDC ± 1%		82.1 VDC ± 1%			
	Battery Type	Depending on the capacity of external batteries					
	Numbers						
	Charging Current (max.)	8.0 A					
Charging Voltage		41.0 VDC ± 1%		82.1 VDC ± 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)	420x438x88[2U]		580x438x133[3U]		580x438x88[2U]	
	Net Weight (kgs)	16		31		45	45
Long-run Model	Dimension, D X W X H (mm)	420x438x88[2U]		580x438x133[3U]			
	Net Weight (kgs)	11		22			
ENVIRONMENT							
Operation Humidity		20-90 % RH @ 0-40°C (non-condensing)					
Noise Level		Less than 45dB @ 1 Meter					
MANAGEMENT							
Smart RS-232/USB		Supports Windows family, Novell, Linux and FreeBSD					
Optional SNMP		Power management from SNMP manager and web browser					