

Galleon One LiFePO4 RT 1-3KVA



- True double-conversion
- Generator compatible
- Output power factor 0.9
- Fast battery recharge time
- Charging current is selectable through LCD
- Input power factor correction
- More than 8 min full load backup time
- Easy battery replacement design
- Long battery lifecycle > 2000
- Built-in protection circuit in battery pack with UL 1973 (MH63914) certified
- UN38.3 for battery transportation

Galleon One LiFePO4 Battery Rack/Tower Online UPS Selection Guide

MODEL	Galleon One LiFePO4 RT 1K	Galleon One LiFePO4 RT 1.5K	Galleon One LiFePO4 RT 2K	Galleon One LiFePO4 RT 3K
PHASE	Single phase with ground			
CAPACITY	1000 VA / 900 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W
INPUT				
Nominal Voltage	100/110/115/120 /127 VAC or 200/208/220/230/240 VAC			
Voltage Range	55~150 VAC \pm 3% or 110~300 VAC \pm 3% at 50% load ; 80~150 VAC \pm 3% or 160~300 VAC \pm 3% at 100% load			
Frequency Range	40Hz ~ 70Hz			
Power Factor	\geq 0.99 @ nominal voltage (100% load)			
THDi	\leq 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)	\pm 1%			
Frequency Range (Synchronized Range)	57~63Hz or 47 ~ 53 Hz			
Frequency Range (Batt. Mode)	60 Hz \pm 0.1 Hz or 50Hz \pm 0.1 Hz			
Current Crest Ratio	3:1			
Harmonic Distortion	\leq 2 % THD (Linear Load) ; \leq 4 % THD (Non-linear Load)			
Transfer Time	AC to Battery Mode	Zero		
	Inverter to Bypass	<4 ms (Typical)		
	ECO to Battery Mode	8 ms (Typical)		
Waveform (Batt. Mode)	Pure Sinewave			
EFFICIENCY				
AC Mode	89% @ full charged battery		90% @ full charged battery	
ECO Mode	\geq 96% @ full charged battery			
Battery Mode	87%		89%	90%
BATTERY				
Battery Type**	LiFe 247500	LiFe 485000	LiFe 485000	LiFe 722500
Battery Lifecycle	> 2000			
Single Cell Type	LFP26650P-260			
Battery Numbers**	1	1	2	3
Battery Cell Configuration	8S3P	15S2P	(15S2P) x 2	(24S1P) x 3
Battery Voltage	25.6V	48V	48V	76.8V
Battery VAH (Factory Setting)	7.5Ah	5Ah	10Ah	7.5Ah
Autonomy Time @ Full Load	9.5 minutes	8 minutes	12 minutes	9.5 minutes
Charging Voltage	28VDC \pm 1%	52.5VDC \pm 1%	52.5VDC \pm 1%	84VDC \pm 1%
Charging Mode	2 stage charging management(CC-CV)			
Charging Current	1/2/4/6/8A(max.), adjustable through LCD			
Typical Recharge Time	1.5 hours recover to 90% capacity			
PHYSICAL				
Dimension,DxWxH(mm)	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88
Net Weight (Kgs)	10.8	11.6	15.2	20.5
ENVIRONMENT				
Operating Humidity	20-95 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 50dBA		Less than 55dBA	
MANAGEMENT				
Smart RS-232,USB	Supports Windows 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix and MAC			
SNMP	Power management from SNMP manager and web browser			
STANDARD				
EMC/Safety	CE (EMC: EN62040-2 C2) for HV models, FCC (Class A) for LV models, Battery Pack comply to UL1973			

*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.

**Battery type and numbers can be adjusted upon customer's request.
Product specifications are subject to change without further notice