

# RP Li-ion Battery 1KVA - 3KVA

High Frequency Online UPS Rack Tower Convertible

RP - Li Series 1KVA - 3KVA (1ph in / 1ph out)

## Key Features:

- Manual Rotatable LCD Screen
- Built-in Lithium Battery, Cycle Times >2000
- Rack Tower Convertible Design
- Different Power Configuration Flexibility To Achieve a Multi - purpose Machine, Power Customized Available
- Selectable Digital Charger Form 1A ~ 12A, Match For Different Appliance
- Wide Input Voltage Range : 208 / 220 / 230 / 240Vac For Option
- High Efficiency up to 95.5%, Lower Power Loss and Save Cost
- Output Power Factor up to 0.8 ~1.0, As an Industry Leader, Super High Load Efficiency
- Green Power ECO Mode, Power Efficiency up to 98.5%
- Smart Adjustable Setting, Support Voltage Compensation of Output to Transformer



## Applications:

- **IT and Network Equipment**  
Small and medium-sized data centers  
Computer server room  
Production line control in factory
- **Embedded and Automatic Control System**  
Telecommunication base station Automatic control system  
Electronic and railway signaling systems security system  
Television broadcast system
- **Office and Business Equipment**  
Office computer and Printer  
Scanner and MPOS

# Technical Specification:

Model	RP-Li 1K(24V)	RP-Li 1K(36V)	RP-Li 2K	RP-Li 3K
Rated Capacity	1000VA / 800W	1000VA / 1000W	2000VA / 1600W	3000VA / 2400W
<b>INPUT</b>				
Input Formats	L + N + PE			
Rated Input Voltage	208 / 220 / 230 / 240Vac			
Voltage Range	110 ~ 300Vac (110 ~ 176Vac, 280 ~ 300Vac Power Limited)			
Frequency Range	50 / 60Hz ± 60Hz, ± 10Hz(Setable)			
Input Power Factor	≥0.99			
Input Harmonic Distortion	≤3% THD(Line Load), ≤ 5% THD(Non-linear Load) PF=0.8			
<b>OUTPUT</b>				
Output Formats	L + N + PE			
Output Voltage	208 / 220 / 230 / 240Vac			
Output Accuracy	±1%			
Output Frequency	AC Mode : same as AC, Battery Mode : 50 / 60Hz ± 1%			
Output Harmonic Distortion	≤3% THD(Line Load), ≤ 3% THD(Non-linear Load) PF=0.8			
Output Power Factor	0.8	1.0	0.8	0.8
Transform Time	AC Mode to Batt. Mode : 0ms, Inverter Mode to Bypass Mode : 4ms			
Load Capacity	AC Mode: 30min@102% ~ 110% Load 10min@110% ~ 130% Load 30s@130% ~ 150% Load 200ms@>150% Load		Battery Mode: 1min@102% ~ 110% Load 10s@110% ~ 130% Load 3s@130% ~ 150% Load 200ms@>150% Load	
<b>MACHINE EFFICIENCY</b>				
AC Mode	Full Load Efficiency 94.5%@220Vac		Full Load Efficiency 95.5%@220Vac	
Battery Mode	Full Load Efficiency 89.5%@36Vdc		Full Load Efficiency 91.5%@72Vdc	
<b>BATTERY</b>				
Battery Lifecycle	>2000			
Single Cell Type	LFP26650 - 3000mAh			
Battery Cell Configuration	153.6Wh	230.4Wh	307.2Wh	460.8Wh
Battery Voltage	25.6V	38.4V	51.2V	76.8V
Autonomy Time	800W(10min)	800W(15min)	1600W(10min)	2400W(10min)
Charging Voltage	28VDC ±1%	42VDC ±1%	56VDC ±1%	84VDC ±1%
Charging Mode	2 Stage Charging Management (CC-CV)			
Charge Current	1A Default	4A Default,12A Max.	4A Default,4A Max.	4A Default,4A Max.
<b>WORKING ENVIRONMENT</b>				
Ambient Temperature	0 ~ 40℃			
Ambient Humidity	20% ~ 95% (No condensation)			
Storage Temperature	-15 ~ 60℃ (Battery : 0 ~ 40℃)			
Altitude	<1000m, derating at above 1000m, maximun 4000m, refer to IEC62040			
<b>DISPLAY</b>				
LCD	Working Mode / Load / Battery Power / Input / Output ect.			
<b>STANDARD &amp; CERTIFICATION</b>				
Standard & Certification	EN / IEC 6100, EN / IEC 62040, GB / T4943, TD / T1095, TLC etc.			
<b>COMMUNICATION INTERFACE</b>				
Interface	1*USB, 1*RS232, 1*EPO			
N.W(KG)	10.7	10.7	14.3	18.3
Machine Size(mm)W*D*H	438*413*88(2U)		438*532*88(2U)	
*Product Specifications are Subject to Change Without Notice.				