

## Specifications:

Model		RPA1KL	RPA2KL	RPA3KL
Capacity	VA/W	1000VA/800W	2000VA/1600W	3000VA/2400W
Input	Nominal Voltage	110/115/120VAC or 200/220/230/240VAC 200/208/220/230/240VAC		
	Voltage Range	115~300VAC		
	Power Factor	≥0.97		
	Frequency Range	50Hz:46~54Hz; 60Hz:56~64Hz		
Output	Voltage	110/120/220/230/240(1±2%)VAC		
	Frequency	50/60Hz (Adjustable); 50Hz AC Mode: Follow AC Mode (AC Range 46~54Hz); Battery Mode: 50Hz (1±0.2%) 60Hz AC Mode: Follow AC Mode (AC Range 56~64Hz); Battery Mode: 60Hz (1±0.2%)		
	Wave Form	Pure sine wave		
	Power Factor	0.8		
	Harmonic Distortion	≤3% THD (Linear load) ≤7% THD (Non-Linear load)		
	Overload Capacity	110%~150% maintain 30s then turn to bypass output; > 150% maintain 300ms		
	Current Crest Ratio	3:1		
	Connections	Terminal block		
Efficiency	Battery Mode	83%		
	AC Mode	85%		

<b>Battery</b>	Type	Sealed free maintenance lead acid battery		
	Nominal DC voltage	36VDC	96VDC	96VDC
	Standard Battery Cabinet	3*100AH	8*100AH	8*100AH
	Backup Time (Full Load)	Depend on the capacity of internal battery bank (24AH,38AH,65AH,80AH and 100AH optional)		
	Charge Current (Max)	6.0A	6.0A	6.0A
	Charge Voltage (VDC)	41.1V±0.2VDC	110V±0.6VDC	110V±0.6VDC
	Recharge Time	Depends on the capacity of internal battery bank		
<b>Bypass</b>	Automatic Transfer	On overload and UPS failure		
	Before UPS Power-on	YES		
<b>Transfer Time</b>		0 ms (from main to battery and vice versa); Less than 4ms from inverter to bypass and vice versa		
<b>indicators</b>	LCD Display	UPS status, Battery capacity, loading, Fault code (LCD: I/P & O/P voltage & frequency, Battery voltage)		
<b>Audible</b>		Bypass, Battery mode, Battery low, Overload, Fault		
<b>Communications</b>	Intelligent RS232 serial port	Software support Windows family software, Linux, Sun network operating system, IBM Aix, Compaq True64 SGI IRIX, FreeBSD, HP-UX and MAC		
	SNMP (Optional)	Remote control UPS through SNMP management and Internet		
	USB (Optional)	Windows family software and Mac OS		
<b>Environmental</b>	Operating Temperature	0~40°C		
	Operating Humidity	0~95% (No condensing)		
<b>UPS dimension</b>	L*W*H (mm)(UPS main body)	482*380*88.4	482*448*88.4	482*448*88.4
	L*W*H (mm)(Cabinet)	638*507*775	612*525*1511	612*525*1511