

Model			
	Capacity	15~60KVA / 12~48KW      15~120KVA/12~96KW	
Utility Input	Connection	3Φ4W + G(3 phases 4 wires + ground)	
	Voltage Range	(204~520)VAC (3 phase / line voltage)	
	Frequency Range	40~70Hz	
	Power Factor	≥0.99	
	THDi	±5 %	
Bypass Input	Voltage Range	380 × (1±15%) VAC	
	Frequency Range	46.5~53.5Hz	
Output	Connection	3Φ4W + G	
	Voltage	380 × (1±2%) VAC	
	Power Factor	0.8	
	Frequency	Synchronized with the input (utility mode), when utility frequency exceeds ±8%, output frequency 50× (1 ± 0.5%) Hz.	
		50(1±0.5%)Hz(Battery mode)	
	THD	≤2 % (100% linear load)	
		≤5 % (EN50091-3/IEC62040-3 defined computerload)	
	Overload capacity	110% <load ≤ 130% for 10 mins, turn to bypass; 130% <load ≤ 150% for 1min, turn to bypass; load > 150% for 0.5sec, turn to bypass	
		110% <load ≤ 130%, turn off 10 mins later; 130% <load ≤ 150%, turn off 1min later; load > 150%, turn off 0.5sec later	
	Efficiency (Full load)	≥91 % (Utility Mode)	
≥90 % (Battery Mode)			
Transfer Time	0 ms		
Nominal external battery voltage		± 240VDC (each group has 40PCS batteries in series connection, draw out a neutral wire from the middle)	
Power of Single module		15KVA/12KW	
Output power		15KVA × number of module/12KW × number of module	
Connect to generator		yes	
Communication Interface		RS232, RS485, Intelligent Slot (intelligent slot)	
Noise Level		<60dB	
Environment	Temperature	0℃~40℃	
	Altitude	<1500m	
	Humidity	0~93%	
	Storage temperature	-25℃~55℃	
Weight (NET)Kg	RP series UPS module	31 (Single module)	
	UPS cabinet (60KVA)	172	
	UPS cabinet (120KVA)	250	
Dimension (W×D×H)mm	RP series UPS module	493×709×132	
	UPS cabinet (60KVA)	600×1022×1600	
	UPS cabinet (120KVA)	600×1022×2100	
Safety and EMC standard			
Safety		EN62040-1-1	
ESD		IEC 61000-4-2 Level 3	
Sensitivity of electricity and magnetism		IEC 61000-4-3 Level 3	
Voltage transient Compatibility		IEC 61000-4-4 Level 3	
Surge disturbance		IEC 61000-4-5 Level 4	
EMI		EN62040-2 (>25A) class A	