

POWERGEN

6~10kVA Single Phase Rack UPS



Power range

6~10KVA

Operation

1P/1P, Online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics

- Intelligent battery management.
- 3-level topology, high performance and efficiency.
- Online double conversion, full digital control.
- Output PF=1, high load adaptability.
- Wide range of input voltage tolerance.
- Compatible with inductive load.
- Auto fault waveform recording.
- Input filter function as standard.
- Self-aging function to save test energy 10KW in 2U, high power density.

Model		POWER X1 A RT		POWER X1 A RT	
Rate Power		6000		10000	
Cold start		Default output 50/60Hz			
Input voltage range		110~288VAC; 100% load@>176VAC; 90% load@>154VAC; 75% load@>132VAC; 50% load@>110VAC			
Input power factor		≥0.99			
Frequency range		40-70Hz			
Output power factor		1.0			
Output	Rate voltage	220/230/240VAC			
	Load response	≤5% (0% - 100% -0%)			
	Recovery time	≤40ms (0% - 100% -0%)			
	THDu	≤1%, linear load ;≤ 5% , non-linear load according to IEC62040-3			
Transfer time-Main to Battery		0ms			
Transfer time-INV to BYP		0ms			
Crest factor		3:1			
Battery type		12VDC/7Ah	External battery	12VDC/9Ah	External battery
Battery Number		16PCS	16-24 PCS settable	16PCS	16-24 PCS settable
Battery voltage		192VDC （default） , settable			
Max charging		1A	5A	1A	5A
Efficiency - normal mode		Max 95%			
Noise (1 meter)		<58dB			
Overload	Normal mode	105%~110%: 10mins, 111%~125%: 1 min, 126%~150%: 30 seconds			
	ECO mode	<125%: long time, 126%~130%:5mins, 131%~150%:1min, >150% :200ms			
Certification- Safety		IEC62040-1, IEC60950-1			
Certification- EMS		IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT)			
Communication		RS232, EPO, RS485			
Option		AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter			
Dimension W*D*H(mm)		440*660*172	440*550*86	440*660*172	440*550*86
Weight(kg)		58	16	62	18
Products will continue to innovate, which may lead to asynchronized updates. Therefore, this document is for reference only and does not constitute any offer or commitment.					