

POWERGEN

1~3kVA Online Rack UPS



Power range

1~3KVA

Operation

1P/1P, Online double conversion

Applications

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

Characteristics

- High efficiency up to 96%
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300Vac.
- Max charging current up to 12A.
- Input filter function as standard.
- Compatible with inductive load.

Model		POWER X1 A-RT		POWER X1 A-RT		POWER X1 A-RT	
Rate Power		1000		2000		3000	
Cold start		Default output 50/60Hz					
Input voltage range		110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC					
Input power factor		≥0.99					
Frequency range		50/60±5Hz(default), ±3Hz/±10Hz(settable)					
Output power factor		1.0					
Out put	Rate voltage	220/230/240VAC					
	Load response	≤5% (0% - 100% -0%)					
	Recovery time	≤40ms(0%-100%-0%)					
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3					
Tran sfer time	Main to BAT	0					
	INV to BYP	4ms					
Crest factor		3:1					
Efficiency (normal mode)		Max 96%					
Noise (1 meter)		43dB@<60%load, 47dB@>60%load		<50dB@<60%load,<55dB@>60%load		<50dB@<60%load,<55dB@>60%load	
Over load	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds					
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds					
	Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds					
Batt ery	Model	12VDC/7Ah	Depend on external battery	12VDC/7Ah	Depend on external battery	12VDC/9Ah	Depend on external battery
	Quantity	3		6		6	
	Max charging	1A	1-12A(settable)	1A	1-12A(settable)	1A	1-12A(settable)
	Rate voltage	36VDC		72VDC		96VDC	
Certification- Safety		IEC62040-1, IEC60950-1					
Certification- EMS		IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT)					
Standard		EPO, RS232					
Option		SNMP card, AS400, USB, RS485, BMS by dry contact, Air filter					
Dimension,W*D*H(mm)		144*350*223		190*405*330	144*410*223	190*405*330	144*410*223
Weight (kg)		10.5	4.5	20.5	6	25	6
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