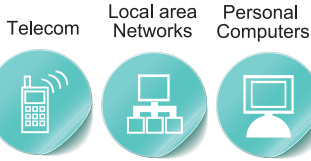


PW100RT SERIES



High Frequency Online UPS
Single in/Single out

Model : PW100RT 1-3KVA
Nominal frequency : 50/60Hz
Output power factor : 0.9



General Specifications

- Rack/Tower design
- Wide range of input voltage while input PF>99%
- 19" standard cabinet and battery cabinet
- Full protection of overvoltage, short circuit and over temperature
- LCD/LED display, monitoring all the operation status
- Automatic fan speed adjustment
- Abundant interface: RS232,USB, SNMP, Intelligent Card

Technical Specifications

Model	PW101RT		PW102RT		PW103RT	
Capacity	1kVA		2kVA		3kVA	
INPUT						
Cold Start	YES, default frequency=50Hz or settable					
Input Voltage Range	110VAC~288VAC 100% load@>176VAC, 80% load@>154VAC 70% load@>132VAC , 50% load@>110VAC					
Input Frequency Range	40~70Hz					
Input Power Factor	≥0.97					
Voltage Regulation	± 1%					
OUTPUT						
Frequency adaptable	Settable					
Power(kVA) max	1		2		3	
Power(kW) max	0.9(0.8 for 200VAC/208VAC)		1.8(1.6 for 200VAC/208VAC)		2.7(2.4 for 200VAC/208VAC)	
Output Nominal voltage	200/208/220/230/240VAC					
Voltage regulation	± 1 %					
Voltage distortion	≤2% THD, linear load					
	≤ 5.5% THD, non-linear load		≤ 5% THD, non-linear load		≤ 5% THD, non-linear load	
Output Frequency	50/60Hz					
Frequency Range	Synchronization range : ±5Hz default , Battery mode : (50±0.1) Hz default					
Efficiency	87%		91%		90%	
Crest Ratio	3:1					
BATTERY						
Rating/Type	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/7Ah	Depend on the capacity of external batteries
Quantity	3		6		8	
DC Voltage	36VDC		72VDC		96VDC	
SYSTEM FEATURES						
Display	LED+LCD					
Noise(1m away)	<45dB@<60%load,<50dB@>60% load		<50dB@<60%load,<55dB@>60% load		<50dB@<60%load,<55dB@>60% load	
Overload Capability(Inverter)	105%~130%: Transfer to bypass after 1 mins.					
	150%: Transfer to bypass after 30s					
Overload Capability(Battery mode)	105%~130%:shutdown after 10s					
	150%:shutdown after 5s					
Output Connection	(6) IEC C13		(6) IEC C13		(6)IEC C13+(1)IEC C19	
Interface	RS232 , SNMP(option)					
Option	USB , SNMP , Dry contact					
MECHANICAL						
WxDxH (mm)	440*430*86(2U)	440*430*86(2U)	440*480*173(4U)	440*480*86(2U)	440*480*173(4U)	440*480*86(2U)
Net Weight (KG)	13.5	8	28	9.5	33	10.5

* Specifications are subject to be changed without prior notes

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