

PW100RT SERIES

Telecom Local area Networks Personal Computers



High Frequency Online UPS
Single in/Single out

Model : PW100RT 6-10KVA
Nominal voltage : 220/230/240VAC
Nominal frequency : 50/60Hz
Output power factor : 1



General Specifications

- Rack/Tower design
- Wide range of input voltage , 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
- High efficiency, up to 95%
- kVA=KW, output PF=1
- Intelligent charging management, effectively improving the life time of battery
- 3 level of technology, compatible with complicated load

Technical Specifications

Model	PW106RT		PW110RT	
INPUT				
Cold Start	YES ; Default output frequency will be 50Hz or settable			
Input Voltage Range	110VAC~288VAC			
	100% load@>176VAC , 90% load@>154VAC			
	75% load@>132VAC , 50% load@>110VAC			
Input Power Factor	≥0.99			
Input current distortion	<4%			
Input Frequency	40~70Hz			
OUTPUT				
Frequency adaptable	Settable			
Power (kVA)	6KVA		10KVA	
Power (kW)	6KW		10KW	
Nominal voltage	220VAC/230VAC/240VAC, 200VAC/208VAC(PF=0.9)			
Voltage regulation	± 1 %			
Voltage distortion	≤1% THD, linear load			
	≤ 5% THD, non linear load			
Output Frequency	Synchronization range : ±5Hz default, settable ; Battery mode : (50±0.1) Hz default			
Efficiency	95%			
Noise(1m away)	<58dB			
Overload Capability(Inverter)	105% to 110% : Transfer to bypass after 10 mins.			
	111% to 125% : Transfer to bypass after 1 mins.			
	126% to 150%: Transfer to bypass after 30s			
Overload Capability (Bypass Mode)	less than 125%: long time running			
	126% to 130% :Shutdown in 5 mins			
	131% to 150% :Shutdown in 1 mins			
	> 150% :Shutdown in 200 ms			
Crest Ratio	3:1			
BATTERY				
Rating/Type	12VDC/7Ah	Depend on the capacity of external batteries	12VDC/9Ah	Depend on the capacity of external batteries
Quantity	16PCS	16PCS	16PCS	16PCS
DC Voltage	192VDC			
SYSTEM FEATURES				
Display	LED+LCD			
Interface	Smart RS232 , EPO , RS485(option) , SNMP(option)			
Option	USB , SNMP , ECO kit , Dry contact , Battery cabinet			
MECHANICAL				
WxDxH (mm)	440*660*173	440*550*86	440*660*173	440*550*86
Net Weight (KG)	58	16	62	18
Package Weight (KG)	63	18	68	21

* Specifications are subject to be changed without prior notes