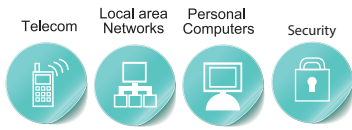


PW100T SERIES



PW100T series is double conversion online UPS with fully DSP controlled technology. with high input and output power factor . self-adjusting output frequency and network managment, PW100T is an ideal choice for computers, telecommunication equipment and other sensitive devices.



General Specifications :

- Wide range of input voltage , input PF>97%
- Output PF=0.9 , more powerfull load capability
- Full protection of overvoltage , circuit short and over temperature
- LCD/LED display , monitoring all the operation status
- Auto fan speed adjustment

Technical Specifications

Model	PW101T		PW102T		PW103T	
Capacity	1kVA/0.9kW		2kVA/1.8kW		3kVA/2.7kW	
Input						
Cold Start	YES, default frequency=50Hz or settable					
Acceptable Input Voltage	110VAC~288VAC					
	100% load@>176VAC					
	80% load@>154VAC					
	70% load@>132VAC					
Input Current @ (nominal input voltage)	4.8A		9.6A		14.4A	
Input Power Factor	≥0.97					
Input Frequency Range	40~70Hz					
OUTPUT						
Frequency adaptable	Settable					
Power(kW) max	0.9(0.8 for 200VAC/208VAC)		1.8(1.6 for 200VAC/208VAC)		2.7(2.4 for 200VAC/208VAC)	
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			
Output Frequency						
- Synchronization range	±5Hz default					
- Battery mode	(50±0.1) Hz default					
Transfer Time						
-Line mode to battery mode	0					
- Inverter to bypass	2ms					
Efficiency						
-Line mode with battery full charged	89%@100% load, 87%@50% load		91%@100% load, 88%@50% load		90%@100% load, 90%@50% load	
-ECO mode	94.0%		97.0%		97.0%	
-Battery mode	83%@100% load, 84%@50% load		87%@100% load, 88%@50% load		87%@100% load, 89%@50% load	
Noise(1m away)	<43dB@<60%load,<47dB@>60%load		<45dB@<60%load,<50dB@>60%load		<45dB@<60%load,<50dB@>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					
Overload Capability (Bypass Mode)	<130%: Long time					
	>130%&<150%:Shutdown after 10min					
	>150%&<180%:Shutdown after 5 seconds					
Crest Ratio	3:1					
Battery						
Rating/Type	12VDC/7Ah		12VDC/7Ah		12VDC/7Ah	
Quantity	3		6		8	
DC Voltage	36VDC		72VDC		96VDC	
Back-up Time	6mins @80% load		6mins @80% load		5.5mins @80% load	
Battery-Low Voltage	33VDC~35VDC depending on load		66VDC~70VDC depending on load		88VDC~94VDC depending on load	
Charger						
-Charging voltage	float:40.5VDC/boost:41.4VDC		float:81VDC/boost:82.8VDC		float:108VDC/boost:110.4VDC	
-Charging current (max)	1A		1A		1A	
-Charging time	8h recharge to 90%		8h recharge to 90%		8h recharge to 90%	
INDICATOR & ALARM						
- Display	LED+LCD					
- Alarm	Two short one long					
- Fault	Continuous beeping					
INTERFACE						
-Smart RS232	Standard Cable support Power Monitor Software					
-SNMP(option)	Power Management from SNMP Manager and Web Browser					
OPTION						
-Intelligent Kits	DB9 port, dry contact					
-USB	B-type USB port					
-SNMP Kits	pluggable type					
Mechanical						
WxDxH (mm)	144*353*228/144*364*228 (max)		190*375*336/190*387*336 (max)		190*427*336/190*439*336 (max)	
WxDxH (mm)(shipment)	240*448*320		285*470*420		285*521*420	
Net Weight (KG)	12		21		25.6	
Package Weight(KG)	13		22		27	
Color	Black default					

*Specifications are subject to be changed without prior notes