

Online High Frequency UPS

PT Series



For more about unipower range of products, visit:
www.svcpower.com

▼ SPECIFICATION 1-10KVA

MODEL		PT-6K	
Rated Capacity		6 KVA /6000W	
INPUT			
Input Formats	L+N+PE		
Rated Input Voltage	208/220/230/240VAC		
Voltage Range	110~300VAC (110~176VAC,280~300VAC power limited)		
Frequency Range	50/60Hz±6Hz,± 10Hz (setable)		
Input Power Factor	≥0.99		
Input Harmonic Distortion	≤3% THD(linear load), ≤5% THD(non-linear load) PF=0.8	≤5% THD(linear load), ≤8% THD(non-linear load) PF=0.8	
OUTPUT			
Output Formats	L+N+PE		
Output Voltage	208/220/230/240VAC		
Output Accuracy	±1%		
Output Frequency	AC mode: same as AC ,Battery mode:50/60Hz±1%		
Output Harmonic Distortion	≤1% THD(linear load), ≤3% THD(non-linear load) PF=0.8	≤2% THD(linear load), ≤5% THD(non-linear load) PF=0.8	
Output Power Factor	1.0		
Transform Time	AC mode to Batt. Mode:0ms,Inverter mode to Bypass mode:4ms		
Load Capacity	AC Mode: 30min@102%~110% Load 10min@110%~130% Load 30s@130%~150% Load 200ms@>150% Load	Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load	AC Mode: 30min@102%~110% Load 10min@110%~130% Load 30s@130%~150% Load 500ms@>150% Load Battery Mode: 10min@102%~110% Load 1min@110%~130% Load 10s@130%~150% Load 500ms@>150% Load
MACHINE EFFICIENCY			
AC Mode	Full load efficiency 94.5%@220VAC	Full load efficiency 95.5%@220VAC	Full load efficiency 95.5%@220VAC
Battery Mode	Full load efficiency 89.5%@36VDC	Full load efficiency 91.5%@72VDC	Full load efficiency 91.5%@ 96VDC
Battery Mode	Full load efficiency 89.5%@24VDC	Full load efficiency 91.5%@ 48VDC	Full load efficiency 91.5%@ 72VDC
BATTERY			
Battery Quantity			7Ahx16/7Ah x20 16~20PCS
Backup Time	Depend on user's requirement and configuration		
Charge Current	PT1K-3K : 1.0A(default) ,1-2A(adjustable) External battery back; PT1KL-3KL: 5.0A(default) ,1-12A(adjustable) . PT6K-10K : 1.0A(default) ,1-12A(adjustable) External battery back; PT6KL-10KL : 5.0A(default) ,1-12A(adjustable)		
WORKING ENVIRONMENT			
Ambient Temperature	0~40℃		
Ambient Humidity	20%~95% (No Condensation)		
Storage Temperature	-15~60℃ (Battery:0~40℃)		
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040		
DISPLAY			
LCD	Working mode/load/battery power/input/output ect.		
STANDARD & CERTIFICATION			
Standard & Certification:		EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc.	
PHYSICAL			
case size(L*W*H)(mm)	460*190*615 395*190*325		
Weight(KG)	55.8(16pcs battery)/ 63.8(20pcs battery)		10.1
Carton size(L*W*H)(mm)	625*305*830 510*295*455		
COMUNICATION INTERFACE			
INTERFACE	1*USB,1*RS232,1*EPO		