

Online High Frequency UPS

PT Series



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▼ SPECIFICATION 1-10KVA

MODEL				PT-10K	
Rated Capacity				10 KVA /10000W	
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	Maximum efficiency 95.5%,Full load efficiency 95%	
Battery Mode	Full load efficiency 89.5%@36VDC	Full load efficiency 91.5%@72VDC	Full load efficiency 91.5%@ 96VDC	Maximum efficiency 95.3%,Full load efficiency 94.8%(20pcs battery)	
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)				57(16pcs battery)/ 65(20pcs battery)	12.05
Carton size(L*W*H)(mm)				625*305*830	510*295*455
COMUNICATION INTERFACE					
INTERFACE	1*USB,1*RS232,1*EPO				