MODEL	PT-1K	PT-1KL	PT-2K	PT-2KL	PT-3K	PT-3KL	PT-6K	PT-6KL	PT-10K	PT-10KL
Rated Capacity	1KVA /1000W		2 KVA /2000W		3 KVA /3000W		6 KVA /6000W		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	7Ah x 2	36V	7Ah x 4/7Ah x 6	72V	7Ahx6/7Ahx8	96V	7Ahx16/7Ah x20	16~20PCS	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 ; 5.0A(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)	276*145*225		392*145*225/395*190*325		395*190*225	392*145*225	460*190*615	395*190*325	460*190*615	395*190*325
Weight(KG)	18.8 (2pcs)	10.9 (2pcs)	30.6(48V, 2pcs)/ 22(72V,1pc)	15.4 (48V, 2pcs)	22.4(72V)/ 26.5(96V),1pc	16.5 (2pcs)	55.8(16pcs battery)/ 63.8(20pcs battery)	10.1	57(16pcs battery)/ 65(20pcs battery)	12.05
Carton size(L*W*H)(mm)	485*380*355		494*485*355(48V)/510*295*455(72V)		510*295*455	494*485*355	625*305*830	510*295*455	625*305*830	510*295*455
COMUNICATION INTERFACE										
INTERFACE	1*USB,1*RS232,1*EPO									