



SMART
VOLTAGE
CONTROL



**PT SERIES
ONLINE HIGH FREQUENCY UPS**



SPECIFICATION 1-10KVA

DCP POWER	1KVA	2KAV	3 KVA	6KVA	10KVA	
Rated Capacity	1 KVA /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 x4/ 7Ah x6	72V	7Ah x 6/7Ah x 8	96V	7Ah x20	16~20PCS	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; PT6K-10K : 5.0A(default) ,1-12A(adjustable) External battery back;					PT1KL-3KL: 5.0A(default) ,1-12A(adjustable) . PT6KL-10KL : 5.0A(default) ,1-12A(adjustable)				

WORKING ENVIRONMENT

Ambient Temperature	0~40°C
Ambient Humidity	20%~95% (No Condensation)
Storage Temperature	-15~60°C (Battery:0~40°C)
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040

DISPLAY

LCD	Working mode/load/battery power/input/output ect.
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STANDARD & CERTIFICATION

Standard & Certification:	EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc.
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PHYSICAL

case size (L*W*H)	285*144*225	395*144*225	410*190*325	395*144*225	460*200*720	460*200*360	460*200*720	460*200*360		
Weight(KG)	17.5 (2 pcs)	10 (2pcs)	32 (48V, 2pcs)/ 24 (72V, 1pc)	17 (48V, 2pcs)	24.2(72V)/ 28.2 (96V), 1pc	17 (2pcs)	61 (16pcs battery)/ 69.5 (20pcs battery)	14	61.5 (16pcs battery)/ 70 (20pcs battery)	14.8
Carton size(L*W*H)	485*380*350	484*483*350 (48V)	610*330*480 (72V)	610*330*480	494*485*350	605*300*989	585*300*520	605*300*989	585*300*520	

COMMUNICATION INTERFACE

INTERFACE	1*USB,1*RS232,1*EPO
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*Product specifications are subject to change without notice.