



Line Interactive UPS

> PLT0.5K-PLT15K



Overview



PLT series line interactive UPS use digital control design concept with real pure sine wave output; Low frequency design with superior impact resistance capacity, Adjustable AC charging voltage and charging current, free choice of working mode, Particularly suitable for use in areas with poor electrical power.

Technical Features



High frequency switching technology



Multiple protection technology



Green power technology



Battery management technology



Network monitoring technology



CPU1 + N control technology

Advantages

- Arbitrary choice of two working modes
- It can be connected with generator
- Large AC charging current, to meet customer requirements for fast charging
- Adjustable AC charging voltage, to adapt to different types of batteries
- Adjustable AC charging current, to meet the different capacity of the battery
- Reserved DC output and USB charging interface, to adapt to the use of DC load

Working modes

Regular Mode : The system always keeps output. When there is electricity power, the AC charging function is always maintained. If no AC, battery will discharge in inverter mode, and it will not shut down until it reaches low battery voltage. Once the AC recovers, it will auto restart.

Technical Specifications

Model		PLT0.5K	PLT1K	PLT1.5K	PLT2K	PLT2.5K	PLT3K	PLT4K	PLT5K	PLT6.5K	PLT8K	PLT10K	PLT12K	PLT15K
AC Input	Voltage Range	100/110/120/127/220/230VAC(+25%,-36%)					100/110/120/127/220/230VAC(±25%)							
	Frequency Range	50/60 Hz±2.5Hz												
Output	Rated Power	300W	600W	900W	1200W	1500W	1800W	2400W	3000W	3900W	4800W	6000W	8000W	10000W
	Instantaneous Power	900W	1500W	3000W	3600W	4500W	6000W	7200W	9000W	12000W	15000W	18000W	24000W	30000W
	Wave Form	Pure Sine Wave												
	Battery Efficiency	81%			83%					85%		88%		
	AC Efficiency	93%												
	Output Voltage	100/110/120/127/220/230VAC (AC mode ±10%, Battery Mode ±5%)												
	Output Frequency	50Hz/60Hz ± 0.5Hz (AC Mode ± 2.5Hz)												
	Transfer time	4ms/8ms Optional												
	USB Output	DC 5V/1A× 1+5V/2A× 1 (Optional)												
Connector	Input/Output	Input power cable, 2pcs output sockets					Input & Output terminals,1pc output socket				Input & Output terminals			
	Battery	Terminals												
Battery	Voltage	12V/24V _{DC}			24V _{DC}		24V/48V _{DC}				48V _{DC}		96V _{DC}	
	Charging Current	1--20A Adjustable					2--40A Adjustable						1--20A Adjustable	
LCD	Method	LCD+LED												
	Content	Input/Output Voltage, Battery Voltage, Battery Capacity, Load Capacity, Working mode, Frequency												
Protection	Battery Reversal	Optional												
	Output Short Circuit	AC mode: Jump fuse, Inverter mode: Shut down												
	Overload	If Overload 105%, Inverter will alarm.If Overload 130%, Inverter will shut down in 10s. Once the inverter is off, It must be turned on manually												
	High AC Voltage	Turn off AC, Turn to Inverter mode automatically												
	Low DC Voltage	UPS shut down automatically, Once the AC recover, UPS turn on and charge automatically												
	Over Temperature	UPS will alarm and turn off output but it will recover to normal state after cooling down												
Environment	Humidity	15 ~ 93% (No condensation)												
	Temperature	-10℃ ~ 50℃												
	Altitude	≤3000m												
Communication		RS232,USB,RS485,SNMP(Optional)												
Dimension: D× W× H(mm)		381 x 145 x 210mm					472 x 190 x 330mm				535 x 280 x 575mm			
Dimension:D× W× H(mm)		490 x 485 x 335mm(2pcs/ctn)					588 x 310 x 452mm				660 x 405 x 750mm			
Weight	N.W.(KGS/PC)	7.0	7.1	11.9	12.0	12.9	21.1	25.5	27.8	32.3	38.6	50.4	48.5	50.5
	G.W.(KGS/PC)	7.6	7.9	12.8	12.8	13.7	23.6	27.3	30.3	33.6	42.6	54.4	53.5	55.5

* Note: The descriptions, illustrations and specifications give in the pamphiet are subject to alteration without notice.