

PowerPulse Series Rack/Tower UPS

Online Double Conversion

1kVA-10kVA, 1 Phase Input, 1 Phase Output

Advanced Technology

- Generator input compatible
- 50/60Hz Auto-sensing
- Wide input range

Outstanding Flexibility

- 6/10kVA support 16-20 battery units configuration
- Multifunction LCD & LED readout
- Support RS232, USB, EPO, optional: RS485, dry contact card, SNMP
- Compact, rackmount design

Green Performance

- PFC technology, input power factor ≥ 0.99
- ECO mode for energy saving
- Output power = 1
- Fan speed automatically adjusts according to the load



Tower Model		PPST1K	PPST1KL	PPST2K	PPST2KL	PPST3K	PPST3KL	PPST6K	PPST6KL	PPST10K	PPST10KL
Rack Model		PPSR1K	PPSR1KL	PPSR2K	PPSR2KL	PPSR3K	PPSR3KL	/	PPSR6KL	/	PPSR10KL
Rate Power		1kVA		2kVA		3kVA		6kVA		10kVA	
Main input	Voltage Range	1Phase (L+N+PE) 110~300VAC									
	Frequency Range	40Hz~70Hz									
	Input Power Factor	≥0.99									
	THDi	<3% (100% linear load) ; <5% (100% nonlinear load)									
Main output	Voltage	208/220/230/240VAC									
	Voltage Accuracy	±1%									
	Frequency Range	50/60Hz ±0.1%									
	Overload	102%~110%, 30min; 111%~130%, 10min; 131%~150%, 30sec; >150%, 0.2sec									
	Power Factor	1									
	THDu	≤2%@ (100% linear load); ≤5%@ (100% nonlinear load)									
	Switching Time	0ms									
Efficiency	Inverter Mode	94.5%		95.5%							
Battery & Charger (Tower)	Supported Model	12V 7Ah or 12V 9Ah									
	Number	2	3	4	6	6	8	16	16-20	16	16-20
	Charging Current	1A	1A	1-4A	1-12A	1-4A	1-12A	1-4A	1-12A	1-4A	1-12A
	Charging Voltage	24V	36V	48V	72V	72V	96V	192V	192-240V	192V	192-240V
Battery & Charger (Rack)	Supported Model	12V 7Ah or 12V 9Ah									
	Number	2	3	4	6	6	8	/	16-20	/	16-20
	Charging Current	1A	1-12A	1-4A	1-12A	1-4A	1-12A	/	1-12A	/	1-12A
	Charging Voltage	24V	36V	48V	72V	72V	96V	/	192-240V	/	192-240V
HMI	Tower Comm.	RS232, USB, optional: RS485, dry contact card, SNMP									
	Rack Comm.	RS232, USB, EPO, optional: RS485, dry contact card, SNMP									
Environment	Temperature Range	0~40℃									
	Humidity	0~95% (Non-condensing)									
	Altitude	<1000m no derate, >1000m derate (refer to IEC62040)									
	Noise	<50dB @ 1 meters									
Dimension (W*D*H) mm	Tower Dimension	144x286x225	144x286x225	144x399x225	144x399x225	190x400x322	144x399x225	191x400x700	191x400x322	191x400x700	191x400x322
	Rack Dimension	440x369x88	440x369x88	440x449x88	440x449x88	440x600x88	440x449x88	/	440x470x88	/	440x470x88
N.W (KG)	Tower N.W (KG)	8.2	3.7	15.3	5.5	20.5	6.0	47.2	8.8	48.5	9.6
	Rack N.W (KG)	10.2	5.7	17.3	7.5	22.5	8.0	/	10.8	/	11.6

