

Online Transformer-free UPS

Power Castle PC-RM Series 1-3 kVA



Data Center



Point of Sale



Rack Device



Commercial



Networking



Computer Room



Horizontal Display



Vertical Display

Green Power

- AC/AC efficiency up to 93.5%, less operation cost and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- Input PF >0.996 and THDi<5%, less power pollution and lower TCO

Flexible Rear Panel Configuration:

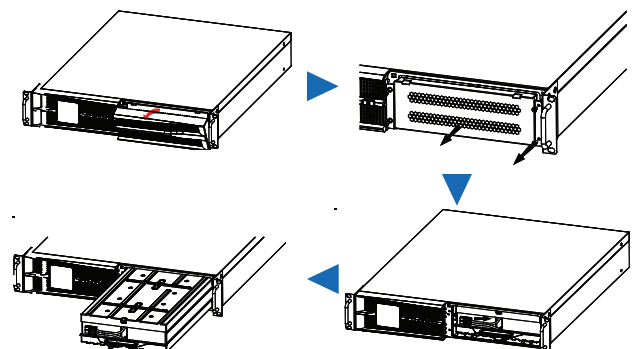
- Dry contact and SNMP are optional
- Selectable output sockets
- External battery pack port available
- Programmable power management outlet (optional)

Hot-swappable Battery Design

- External battery pack is optional
- Easy for online battery replacement

User-friendly and Easy-shift LCD Display

- The digital display can be easily shifted through LCD setting to suit for vertical/horizontal installation



www.powerwave-energy.com

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Specifications



MODEL	PC1000-J+/ PC1000L-J+	PC2000-J+/ PC2000L-J+	PC3000-J+/ PC3000L-J+	PC6000-J+/ PC6000L-J+	PC1110S-J+/ PC1110-J+
INPUT					
Voltage (Vac)	120-295			80-275	
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)				
Power Factor	≥0.99				
THDi	<5%				
OUTPUT					
Capacity (VA)	1000	2000	3000	6000	10000
Max. AC/AC Efficiency	92%	92.5%	93.3%	95.5%	95.5%
Power Factor	0.9 (1.0 optional)				
Voltage (Vac)	208/220/230/240±1% (settable on display panel)				
Frequency (Hz)	50/60±0.2% (battery mode)				
THDv	THD <2% (linear load), THD < 5% (nonlinear load)			THD <1% (linear load), THD < 4% (nonlinear load)	
Transfer Time (ms)	0				
BATTERY					
Voltage (Vdc)	24/36	48/72	72/96	192~240	192~240
BATT Type	2×9AH 12V/External	4×9AH 12V/External	6×9AH 12V/External	16×9AH 12V/External (16~20 units settable)	
Charger Current (A) Max.	1/4	1/4	1/4	1~8 adjustable	1~8 adjustable
OTHER					
Communication Interface	RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot)				
LCD Display	AC input & output voltage, frequency, load level, battery level, temperature; AC mode, battery mode, bypass mode, and fault				
Alarm	Low battery, abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	< 50		< 55		
Working Temperature (°C)	-5~40				
Relative Humidity	0~95%, no condensation				
Dimension (W×D×H) mm	438×413×2U	438×413×2U (UPS)+ 438×413×2U (Batt. pack)/438×413×2U (UPS)		438×500×2U (UPS)+ 438×500×3U (Batt. pack)/438×500×2U (UPS)	
Weight (kg)	11/5.8	7.2+13/8	7.2+17.5/8	10.6+45/10.6	12.2+45/12.2

◆ Specification is subject to change without prior notice.

