

5119 Cabinet Model Technical Specifications uninterruptible power supply (UPS)

ELECTRICAL INPUT

Voltage	120 and 230 VAC Nominal; see Model Selection Guide for user selectable voltages
On Line Voltage Range	-30%, +20% for nominal voltages; user selectable extended range of -35%, +20% (-30%, +15% for 127 and 240 VAC)
Nominal Input Frequency	50/60 Hz; auto-selection (60 Hz only for 120 and 127 VAC)
Frequency Tolerance	Nominal +/-3 Hz

ELECTRICAL OUTPUT

Power Levels	1000-3000 VA
On Line Regulation	-10%, +6%; within Computer Business Equipment Manufacturers Association's Guidelines (-15%; +10% using extended range)
On Battery Regulation	< +/-5% RMS
Voltage Wave Shape (on battery)	Sine wave, 3% THD
Overload (Normal Operation)	Minimum 200% of full load for 15 cycles
No Load Sleep Mode (Battery Mode)	Outputs are turned off if <5% load is detected (selectable)
Interconnecting Cords (230 VAC Models only)	2 ea. IEC-320 (10 A); PRC3000i also includes 1 ea. IEC-320 (16A) with stripped male end for rewirable plug
Backup Time	See Backup Times table
Battery Charging	<3 hrs. to 90% usable capacity
Battery Type	Sealed, maintenance-free lead-acid; starved electrolyte
Start-On-Battery	Startup with UPS batteries in absence of utility power

ENVIRONMENTAL AND SAFETY

Operating Temperature	0°C to 40°C (32°F to 104°F) UL tested at 25°C (77°F)
Storage Temp.	-20°C to 60°C (-4°F to 140°F)
Audible Noise	< 45 dBA typical
Relative Humidity	5 to 95% non-condensing
Operating Altitude	Up to 3,000 meters above sea level
Safety Markings	UL and CSA; 230 volt models also CE, VDE, S, FI, N, and D
Safety Certifications	UL 1778, CSA 22.2, No. 107.1; 230 volt models also EN 50091-1 and IEC 60950
EMC Markings	FCC; 120 volt models also VCCI; 230 volt models also CE
Emissions	FCC Class B (2000-3000 VA Class A); 230 volt models also EN 50091-2, EN 55022 and IEC 61000-3-2
Immunity	EN 50091-2, IEC 61000-4-2,3,4,5 and ANSI C62.41 Cat B (formerly IEEE 587)
Surge Suppression	Manufactured with surge suppressors that meet UL1449
Network Transient Protector (cabinet models)	In and out RJ11 jack for telephone/ modem protection (120 VAC models only) or RJ45 for 10Base-T network cable

Due to continuing product improvement programs, Specifications subject to change without notice

Model Selection Guide

Model Number	Power Out (VA/Watt)	Input Connection	Output Connections	Maximum Output Current (AMP)	Dimensions W x H x D (IN/CM)	Weight (LB/KG)
PW5119 1000	1000/670	5-15P	(6)5-15R ²	8.3	7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	43/20
PW5119 1500	1440/960	5-15P	(6)5-15R ²	12.0	7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	57/26
PW5119 2000	1920/1400	5-20P	(6) 5-15R & (2)5-20R ⁴	16.0	7.0 x 8.8 x 17.1/17.8 x 2.3 x 43.4 (x2) ³	32/15
Pw5119 2400	2400/1600	L5-30P	(6)5-15R & (1)L5-30R ⁴	20.0	7.0 x 8.8 x 17.1/17.8 x 2.3 x 43.4 (x2) ⁵	36/16
PW5119 3000	2880/2250	L5-30P	(6) 5-15R & (1)L5-30R ⁴	24.0	7.0 x 8.8 x 17.1/17,8 x 22.3 x 43.4 (x2) ⁵	41/19

230 VAC6, 50/60 Hz Models

PW5119 1000 <i>i</i>	1000/670	IEC-320, 10A	(6) IEC-320	4.4	7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	43/20
PW5119 1500 <i>i</i>	1500/960	IEC-320, 10A	(6) IEC-320	6.5	7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	57/26
PW5119 2000 <i>i</i>	2000/1400	IEC-320, 10A	(9) IEC-320	8.7	7.0 x 8.8 x 17.1/17.8 x 2.3 x 43.4 (x2) ³	31/14
PW5119 2400 <i>i</i>	2300/1600	IEC-320, 10A	(9) IEC-320	10.0	7.0 x 8.8 x 17.1/17.8 x 2.3 x 43.4 (x2) ⁵	34/15
PW5119 3000 <i>i</i>	3000/2250	IEC-320, 16A	(9) IEC-320	13.0	7.0 x 8.8 x 17.1/17.8 x 2.3 x 43.4 (x2) ⁵	39/18

Battery Boxes (for 2000-3000 VA models only)⁷

PW5119 1048 BP	48 VDC, 10 AHr		cord w/ connector		7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	47/21 ⁷
PW5119 1748 BP	48 VDC, 17 AHr		cord w/ connector		7.0 x 8.8 x 17.1/17.8 x 22.3 x 43.4	63/29 ⁷

- 1) User selectable for 100,110,120, or 127 VAC. With 100 or 110 V selected, 120 VAC units can operate at 50 Hz.
- 2) Divided into 2 load segments (receptacle groups).
- 3) Includes Battery Box PW5119 1048 BP.
- 4) Divided into 3 load segments (receptacle groups).
- 5) Includes Battery Box PW5119 1748 BP.
- 6) User selectable for 208,220,230, or 240 VAC.
- 7) Battery box and electronics ship together in one box.