

	PowerStream 420	PowerStream 520	PowerStream 520
AC INPUT			
Frequency:	47 - 63Hz	47 - 63Hz	47 - 63Hz
Voltage Range:	95VAC~132VAC or 190VAC ~ 264VAC	95VAC~132VAC or 190VAC ~ 264VAC	95VAC~132VAC or 190VAC ~ 264VAC
Current Range:	12A @ 115VAC 6A @ 230VAC	12A @ 115VAC 6A @ 230VAC	12A @ 115VAC 6A @ 230VAC
Efficiency:	63% at maximum load	63% at maximum load	70% at maximum load
EMI:	FCC Class B CISPR 22 CE	FCC Class B CISPR 22 CE	FCC Class B CISPR 22 CE
DC OUTPUT			
Voltage & Current Output:	.+3.3V @ 28A .+5V @ 30A .+12V @ 30A .-12V @ 0.5A .-5V @ 0.5A .+5VSB @ 2.0A power < 420W peak power < 520W	.+3.3V @ 28A .+5V @ 40A .+12V @ 33A .-12V @ 0.5A .-5V @ 0.5A .+5VSB @ 2.0A power < 520W peak power < 620W	.+3.3V @ 28A .+5V @ 46A .+12V1 @ 20A, .+12V2 @ 18A .-12V @ 0.5A .-5V @ 0.5A .+5VSB @ 2.0A power < 600W peak power < 700W
Regulation:	1% (+3.3, +/-5, +12) 2% (-12)	1% (+3.3, +/-5, +12) 2% (-12)	1% (+3.3, +/-5, +12) 2% (-12)
Ripple:	Less than or equal to 1% (p-p)	Less than or equal to 1% (p-p)	Less than or equal to 1% (p-p)
Hold Time:	16.6ms	16.6ms	16.6ms
PG Delay:	<100ms	<100ms	<100ms
SAFETY			
OV Protection:	All DC outputs	All DC outputs	All DC outputs
OC Protection:	All DC outputs	All DC outputs	All DC outputs
Short Circuit Protection:	All DC outputs	All DC outputs	All DC outputs
Agency Approval:	UL 2090974-447019 CSA C22.2 ICE 950 TUV EN60950 CE EN 61000-3-2/1995, EN 61000-3-3/1995, EN 55024/1998, EN 5022/1994+A1: 1995+A2:1997 FCC Part 15, Subpart B, Class B CISPR 22: 1993+A1: 1995+A2: 1996, Class B ANSI C63.41992	UL 2090974-447019 CSA C22.2 ICE 950 TUV EN60950 CE EN61000-3-2/1995, EN 61000-3-3/1995, EN 55024/1998, EN 5022/1994+A1: 1995+A2:1997 FCC Part 15, Subpart B, Class B CISPR 22: 1993+A1: 1995+A2: 1996, Class B ANSI C63.41992	UL 2090974-447019 CSA C22.2 ICE 950 TUV EN60950 CE EN61000-3-2/1995, EN 61000-3-3/1995, EN 55024/1998, EN 5022/1994+A1: 1995+A2:1997 FCC Part 15, Subpart B, Class B CISPR 22: 1993+A1: 1995+A2: 1996, Class B ANSI C63.41992
ENVIRONMENTAL			
(Operating) Temperature:	0 to 50°C	0 to 50°C	0 to 50°C
Humidity:	20% to 80% (non-condensing)	20% to 80% (non-condensing)	20% to 80% (non-condensing)
(Non-Operating) Temperature:	-.25 to 85°C	-.25 to 85°C	-.25 to 85°C
Humidity:	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Fan Type:	Load Controlled Fan	Load Controlled Fan	Load Controlled Fan
Noise:	< 32dB	< 32dB	< 32dB
MISCELLANEOUS			
Compatibility:	ATX12V (2.01), EPS12V, BTX	ATX12V (2.01), EPS12V, BTX	ATX12V (2.01), EPS12V, BTX
M/B Connectors:	24-pin (BTX), 20-pin (ATX) 4-pin P4/AMD, 8-pin aux, server connector	24-pin (BTX), 20-pin (ATX) 4-pin P4/AMD, 8-pin aux, server connector	24-pin (BTX), 20-pin (ATX) 4-pin P4/AMD, 8-pin aux, server connector
Drive Connectors:	13 (2 SATA, 2 shielded HDD/VGA, 1 mini)	13 (2 SATA, 2 shielded HDD/VGA, 1 mini)	13 (2 SATA, 2 shielded HDD/VGA, 1 mini)
MTBF:	140,000 hours @ 25°C	140,000 hours @ 25°C	140,000 hours @ 25°C
Dimensions:	175x150x86 mm	175x150x86 mm	175x150x86 mm
Warranty:	3-year unlimited warranty, additional 2-year limited warranty	3-year unlimited warranty, additional 2-year limited warranty	3-year unlimited warranty, additional 2-year limited warranty