

POWER SUPPLIES



DARK POWER PRO 13



DARK POWER 13

- Fulfills all ATX 3.0 specifications
 - Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector
 - Superior, fully digital control
 - 80 PLUS® Titanium efficiency (up to 94.5%)
- Fulfills all ATX 3.0 specifications
 - Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector
 - Handles massive power excursions
 - 80 PLUS® Titanium efficiency (up to 95.8%)

Model number	BN501	BN500	BN661	BN660	BN659
Continuous power (W)	1600	1300	1000	850	750
ATX version	3.0		3.0		
Voltage (Vac)	100-240		100-240		
Dimensions (L x W x H), (mm)	200 x 86 x 150		175 x 86 x 150		
80 PLUS certification	Titanium		Titanium		
Efficiency (%) @ 230V	up to 94.5	up to 94.4	up to 95.2	up to 95.4	up to 95.8
Noise level (dB(A)) @ 20% / 50% / 100% load	9.6 / 9.8 / 31.1	10.2 / 10.2 / 23.2	8.1 / 8.6 / 25.8	7.5 / 7.6 / 19.8	8.5 / 9 / 18.8
Cable management	Modular		Modular		
Sleeved cables	Individually sleeved		Individually sleeved		
12V rails	6		4		
Topology	Full bridge + LLC + SR + DC/DC		Active Rectifier + full bridge + LLC + SR + DC/DC		
Digital control (PFC, LLC, SR/12V)	✓		-		
Warranty (years)	10		10		



STRAIGHT POWER 12



STRAIGHT POWER 11 Gold

- Fulfills all ATX 3.0 specifications
 - Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector
 - Virtually inaudible Silent Wings 135mm fan
 - 80 PLUS® Platinum efficiency (up to 94%)
- Wire-free inside the PSU on the DC side for enhanced cooling and longevity
 - Virtually inaudible Silent Wings 135mm fan
 - Powerful multi-GPU support with up to 6 PCI-Express connectors
 - 80 PLUS® Gold efficiency (up to 93.6%)

Model number	BN518	BN517	BN516	BN621	BN620	BN619
	BN515	BN514	-	-	-	-
Continuous power (W)	1500	1200	1000	1000	850	750
	850	750	-	-	-	-
ATX version	3.0			2.51		
Voltage (Vac)	110-240		100-240	100-240		
	100-240		-			
Dimensions (L x W x H), (mm)	180 x 86 x 150		160 x 86 x 150	170 x 86 x 150		
	160 x 86 x 150		-	-		
80 PLUS certification	Platinum			Gold		
Efficiency (%) @ 230V	up to 93.9	up to 93.7	up to 93.9	up to 93	up to 93.4	up to 93.6
	up to 94	up to 93.8	-	-	-	-
Noise level (dB(A)) @ 20% / 50% / 100% load	9 / 12.7 / 36.4	9.4 / 9.8 / 32.2	7.7 / 8 / 28.9	11.2 / 11.8 / 32.1	9.7 / 10.6 / 25	8.4 / 9 / 21.2
	7.5 / 7.7 / 22.1	7.9 / 7.9 / 20.8	-	-	-	-
Cable management	Modular			Modular		
Sleeved cables	✓			✓		
12V rails	1			4		
Topology	Full bridge + LLC + SR + DC/DC			LLC + SR + DC/DC		
Digital control (PFC, LLC, SR/12V)	-			-		
Warranty (years)	10			5		

POWER SUPPLIES



POWER ZONE 2

- Fulfills all ATX 3.1 specifications
- Semi-passive zero-RPM cooling
- Pure Wings 3 140mm fan for quiet and efficient cooling
- 80 PLUS® Platinum and Cybenetics Platinum efficiency (up to 94.2%)

Model number	BP008US	BP007US	BP006US
Continuous power (W)	1000	850	750
ATX version	3.1		
Voltage (Vac)	100-240		100-240
Dimensions (L x W x H), (mm)	180 x 86 x 150		160 x 86 x 150
	160 x 86 x 150		-
80 PLUS certification	Platinum		
Efficiency (%) @ 230V	up to 94	up to 94.1	up to 94.2
Noise level (dB(A)) @ 20% / 50% / 100% load	6.5 / 6.5 / 27.2	6.5 / 6.5 / 24.9	6.5 / 6.5 / 15.8
Cable management	Modular		
Sleeved cables	✓		
12V rails	1		
Topology	LLC + SR + DC/DC		
Digital control (PFC, LLC, SR/12V)	-		
Warranty (years)	10		



PURE POWER 12 M

- Fulfills all ATX 3.0 specifications
- Exceptionally silent 120mm be quiet! fan
- Handles massive power excursions
- 80 PLUS® Gold efficiency (up to 93.7%)

Model number	BN513	BN506	BN505
	BN504	BN503	BN502
Continuous power (W)	1200	1000	850
	750	650	550
ATX version	3.0	3.1	3.1
	3.1	3.0	3.0
	110-240	100-240	100-240
Voltage (Vac)	100-240		
Dimensions (L x W x H), (mm)	160 x 86 x 150		
80 PLUS certification	Gold		
Efficiency (%) @ 230V	up to 93.7	up to 93.1	up to 93.2
	up to 92.6	up to 92.7	up to 92.8
Noise level (dB(A)) @ 20% / 50% / 100% load	10.6 / 10.7 / 34.3	9.3 / 9.6 / 31.7	9.4 / 9.5 / 25.7
	8.5 / 8.9 / 24	8.2 / 9.1 / 19.9	8 / 8.2 / 17.1
Cable management	Modular		
Sleeved cables	20+4-pin		
12V rails	2		
Topology	LLC + SR + DC/DC		
Digital control (PFC, LLC, SR/12V)	-		
Warranty (years)	10		



PURE POWER 12

- 80 PLUS® Gold efficiency (up to 92.9%)
- Fulfills all ATX 3.1 specifications
- Exceptionally silent 120mm be quiet! fan

Model number	BP005US	BP004US	BP003US
	BP002US	BP001US	-
Continuous power (W)	1000	850	750
	650	550	-
ATX version	3.1		
	100-240		
	100-240		
Voltage (Vac)	100-240		
Dimensions (L x W x H), (mm)	160 x 86 x 150		
80 PLUS certification	Gold		
Efficiency (%) @ 230V	up to 92.9	up to 92.7	up to 92.8
	up to 92.7	up to 92.4	-
Noise level (dB(A)) @ 20% / 50% / 100% load	8.9 / 9 / 31.6	8.7 / 9 / 25.1	8.7 / 8.8 / 22.5
	9.1 / 9.2 / 18.2	9.2 / 9.4 / 14.6	-
Cable management	Fixed		
Sleeved cables	✓		
12V rails	1		
Topology	LLC + SR		
Digital control (PFC, LLC, SR/12V)	-		
Warranty (years)	10		

POWER SUPPLIES



SYSTEM POWER 10 U

- Up to 2 strong 12V-rails
- Up to 850W continuous power
- 80 PLUS® Gold and Bronze efficiency (up to 93.3%)
- 5-year manufacturer's warranty

Model number	BN690	BN689	BN688
	BN687	-	-
Continuous power (W)	850	750	650
	550	-	-
ATX version	2.52		
Voltage (Vac)	100-240		
Dimensions (L x W x H), (mm)	150 x 86 x 160	150 x 86 x 140	150 x 86 x 140
	150 x 86 x 140	-	-
80 PLUS certification	Gold	Bronze	Bronze
	Bronze	-	-
Efficiency (%) @ 230V	up to 93.3	up to 89.2	up to 88.9
	up to 89.1	-	-
Noise level (dB(A))	10.3 / 10.4 / 30.7	8.9 / 13.3 / 34.7	8.9 / 11.2 / 30.7
@ 20% / 50% / 100% load	8.6 / 9.4 / 25.7	-	-
Cable management	Fixed		
Sleeved cables	-		
12V rails	2	1	1
	1	-	-
Topology	LLC + SR + DC/DC	DC/DC	DC/DC
	DC/DC	-	-
Digital control (PFC, LLC, SR/12V)	-		
Warranty (years)	5		



SFX L POWER

- Multi-GPU support with four PCIe connectors
- Temperature-controlled be quiet! 120mm fan
- Modular cables for maximum build flexibility
- Perfect upgrade for compact PC systems
- 80 PLUS® Gold efficiency (up to 92.2%)

Model number	BN639	BN638
Continuous power (W)	600	500
ATX version	PSU DG 1.31 / SFX12V Version 3.3	
Voltage (Vac)	100-240	
Dimensions (L x W x H), (mm)	64 x 125 x 130	
80 PLUS certification	Gold	
Efficiency (%) @ 230V	up to 92.2	
Noise level (dB(A))	8.5 / 14.5 / 28.7	9.9 / 14 / 28.5
@ 20% / 50% / 100% load		
Cable management	Modular	
Sleeved cables	-	
12V rails	1	
Topology	LLC + SR + DC/DC	
Digital control (PFC, LLC, SR/12V)	-	
Warranty (years)	3	



DEVELOPED
IN GERMANY