

# POWER SUPPLIES



## DARK POWER PRO 13

## DARK POWER 13

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|--|---|
| <ul style="list-style-type: none"> <li>▪ Fulfills all ATX 3.0 specifications</li> <li>▪ Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector</li> <li>▪ Superior, fully digital control</li> <li>▪ 80 PLUS® Titanium efficiency (up to 94.5%)</li> </ul> | <ul style="list-style-type: none"> <li>▪ Fulfills all ATX 3.0 specifications</li> <li>▪ Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector</li> <li>▪ Handles massive power excursions</li> <li>▪ 80 PLUS® Titanium efficiency (up to 95.8%)</li> </ul> |
|--|---|

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

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|---|--|
| <ul style="list-style-type: none"> <li>▪ Fulfills all ATX 3.0 specifications</li> <li>▪ Full compatibility with both PCIe 5.0 and GPUs with PCIe 6+2 pin connector</li> <li>▪ Virtually inaudible Silent Wings 135mm fan</li> <li>▪ 80 PLUS® Platinum efficiency (up to 94%)</li> </ul> | <ul style="list-style-type: none"> <li>▪ Wire-free inside the PSU on the DC side for enhanced cooling and longevity</li> <li>▪ Virtually inaudible Silent Wings 135mm fan</li> <li>▪ Powerful multi-GPU support with up to 6 PCI-Express connectors</li> <li>▪ 80 PLUS® Gold efficiency (up to 93.6%)</li> </ul> |
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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%)



## 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	BN513	BN506	BN505	BP005US	BP004US	BP003US
	BN504	BN503	BN502	BP002US	BP001US	-
Continuous power (W)	1200	1000	850	1000	850	750
ATX version	750	650	550	650	550	-
	3.0	3.1	3.1	3.1		
Voltage (Vac)	3.1	3.0	3.0	3.1		
	110-240	100-240	100-240	100-240		
Dimensions (L x W x H), (mm)	160 x 86 x 150			160 x 86 x 150		
80 PLUS certification	Gold			Gold		
Efficiency (%) @ 230V	up to 93.7	up to 93.1	up to 93.2	up to 92.9	up to 92.7	up to 92.8
	up to 92.6	up to 92.7	up to 92.8	up to 92.7	up to 92.4	-
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	8.9 / 9 / 31.6	8.7 / 9 / 25.1	8.7 / 8.8 / 22.5
Cable management	Modular			Fixed		
Sleeved cables	20+4-pin			✓		
12V rails	2			1		
Topology	LLC + SR + DC/DC			LLC + SR		
Digital control (PFC, LLC, SR/12V)	-			-		
Warranty (years)	10			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)) @ 20% / 50% / 100% load	10.3 / 10.4 / 30.7	8.9 / 13.3 / 34.7	8.9 / 11.2 / 30.7
	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)) @ 20% / 50% / 100% load	8.5 / 14.5 / 28.7	9.9 / 14 / 28.5
Cable management	Modular	
Sleeved cables	-	
12V rails	1	
Topology	LLC + SR + DC/DC	
Digital control (PFC, LLC, SR/12V)	-	
Warranty (years)	3	