



ATTIS 650R Bronze

80 PLUS Bronze 650W ATX 3.1 & PCIe 5.0 Power Supply

- Compliant with ATX 3.1 standards and supports up to 2X power excursion
- High efficiency with 80 PLUS Bronze certification
- 24/7 continuous power output with 50°C operating temperature
- Japanese primary capacitor
- Silent running 120mm fan with 18 dBA minimum
- Multiple protection circuitry
- All black flat cables

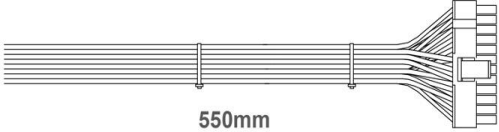
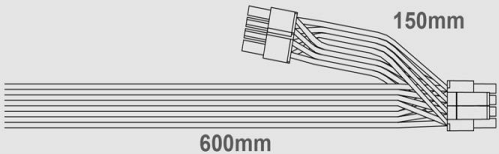
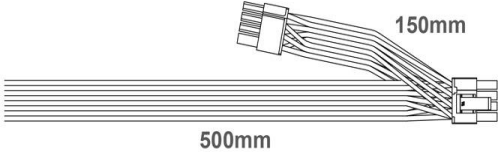
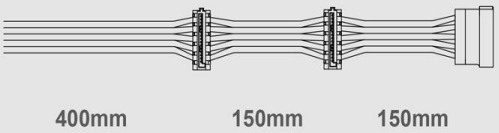
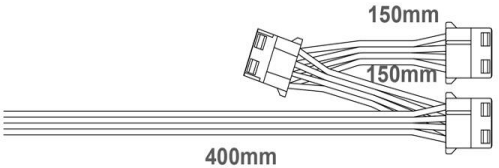
Specifications

Product No.	SST-AT650R-BF (Black) SST-AT650R-BF-WBW (White)
Color	SST-AT650R-BF: Black (lead-free paint) SST-AT650R-BF-WBW: White (lead-free paint)
Max. DC Output	650W
Combined +3.3V & +5V	100W
Combined +12V	649.2W
Input Voltage	90 ~ 264 Vrms
Input Frequency Range	47Hz ~ 63Hz
PFC	Active PFC (PF>0.9 at full load)
Efficiency	≥82% & <85%
MTBF	100,000 hours
Operating temperature	0°C ~ 50°C
Protection	Over Power Protection Over Voltage Protection Short Circuit Protection Under Voltage Protection
Connectors	1 x 24 / 20-Pin motherboard connector 2 x 8 / 4-Pin EPS / ATX 12V connector 4 x 8 / 6-Pin PCIe connectors 6 x SATA connectors 3 x 4-Pin Peripheral connector
Cooling System	Silent 120mm fan
Form factor	ATX (PS2)
Noise Level	18 dBA minimum
Dimension	150mm (W) × 86mm (H) × 140mm (D) 5.91" (W) × 3.39" (H) × 5.51" (D)
Weight	1.52 kg
Certification	80 PLUS Bronze

Load Range

	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	20A	20A	54.1A	3A	0.3A
Peak (Amps)	/	/	/	/	/
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±5%	±5%	+5~-7%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	50mV

Connectors / Cable

Photo	Type	Connector quantity per cable	Cable quantity	Length
	24 Pin motherboard connector	1	1	 550mm
	CPU 4+4P connector	2	1	 150mm 600mm
	PCIe 6+2P connector	2	2	 150mm 500mm
	SATA connector	3	2	 400mm 150mm 150mm
	Peripheral 4P connector	3	1	 150mm 150mm 400mm