



V450S RS-450-AMAA-G1
V550S RS-550-AMAA-G1
V650S RS-650-AMAA-G1
V750S RS-750-AMAA-G1

Features

- Unique 3D circuit design offers high efficiency and improves the heat dissipation. It reduces the unnecessary cables which results in much lower crosstalk, signal noise and improves airflow
- Powerful Single +12V rail for superior load balancing and VGA compatibility
- Modular cable designs for better cable management
- Japanese capacitor ensures an extended lifetime and excellent holdup times, in case of power fluctuation.
- Custom DC-DC module design offers higher efficiency and voltage stability
- 80 PLUS Gold certified: up to 92% efficiency @ typical load

Packaging Information

EAN Code	4719512044711 (V450S) 4719512044483 (V550S) 4719512044513 (V650S) 4719512044476 (V750S)
UPC Code	884102023811 (V450S) 884102023606 (V550S) 884102023637 (V650S) 884102023590 (V750S)
Package Information	266 x 194 x 192 mm / 10.5 x 7.6 x 7.6 inches
Carton Dimensions	582 x 279 x 212 mm / 22.9 x 11 x 8.4 inches
Unit / Carton	5 pcs
Carton / Pallet	24 pcs

Warranty

5 years

Specifications

Model Number	RS-450-AMAA-G1 RS-550-AMAA-G1 RS-650-AMAA-G1 RS-750-AMAA-G1
Type	Intel Form Factor ATX 12V V2.31
Dimensions	150 x 140 x 86mm / 5.9 x 5.5 x 3.4 inch
Input Voltage	90-264Vac
Input Range	Full range
Input Frequency Range	47 - 63Hz
PFC	Active PFC (>0.9 typical)
Power Good Signal	100-500ms
Hold Up Time	>16ms
Efficiency	90% @ Typical Load
MTBF	>100,000 Hours
Fan Type	120mm intelligent fan
Protection	OVP/UVPP/OPP/OTP/OCP/SCP
Quality Certificates	CE / TUV / FCC / CCC / BSMI / KCC / RCM / EAC / UL
Connectors	<p>450W, 550W : MB 20+4 Pin x 1 CPU12V 4+4 Pin x 1 PCI-e 6+2 Pin x 2 SATA x 6 4Pin Peripheral x 3 4Pin Floppy x 1</p> <p>650W : MB 20+4 Pin x 1 CPU12V 4+4 Pin x 1 PCI-e 6+2 Pin x 2 SATA x 8 4Pin Peripheral x 6 4Pin Floppy x 1</p> <p>750W: MB 20+4 Pin x 1 CPU12V 4+4 Pin x 1 PCI-e 6+2 Pin x 4 SATA x 8 4Pin Peripheral x 6 4Pin Floppy x 1</p>



Modular cable system design for easy cable management



Honeycomb vent allows good airflow



80 plus gold certified, up to 92% efficiency @ 50% load



Unique 3D circuit design – no unnecessary cables, reduced crosstalk, higher conductivity and efficiency



Japanese capacitor ensures an extended lifetime and excellent hold up times



Custom DC-DC module design offers higher efficiency and voltage stability



Output Rating

450W:

AC INPUT	100-240V~ 7-3.5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	36A	0.3A	2.5A
OUTPUT POWER	100W		432W	3.6W	12.5W
	450W				

550W:

AC INPUT	100-240V~ 8-4A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	45A	0.3A	2.5A
OUTPUT POWER	100W		540W	3.6W	12.5W
	550W				





650W:

AC INPUT	100-240V~ 9-4.5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	25A	22A	54A	0.3A	2.5A
OUTPUT POWER	120W		648W	3.6W	12.5W
	650W				

750W:

AC INPUT	100-240V~ 10-5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	25A	22A	62A	0.3A	2.5A
OUTPUT POWER	120W		744W	3.6W	12.5W
	750W				



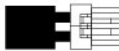




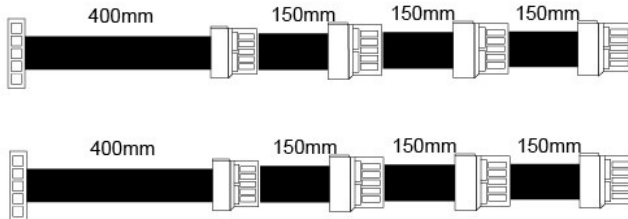

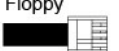
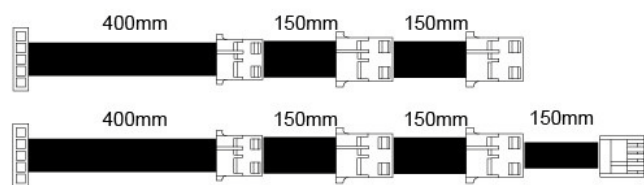
450W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>550mm</p> 
<p>2 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p> 
<p>6 x</p> <p>SATA</p> 	<p>400mm 150mm 150mm</p> 
<p>3 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 150mm 150mm 150mm</p> 



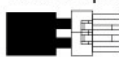
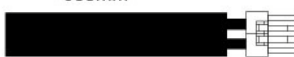
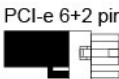


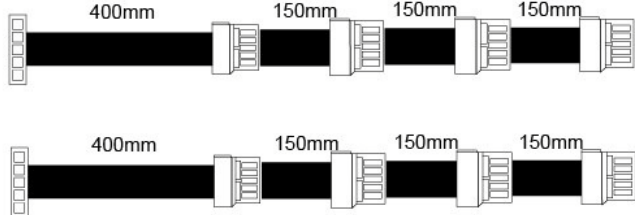


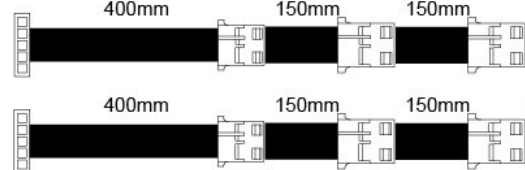
550W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>600mm</p> 
<p>2 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm</p> <p>120mm</p> 
<p>6 x</p> <p>SATA</p> 	<p>400mm</p> <p>150mm</p> <p>150mm</p> 
<p>3 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm</p> <p>150mm</p> <p>150mm</p> <p>150mm</p> 

650W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>600mm</p> 
<p>2 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p> 
<p>8 x</p> <p>SATA</p> 	<p>400mm 150mm 150mm 150mm</p> <p>400mm 150mm 150mm 150mm</p> 
<p>6 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 150mm 150mm</p> <p>400mm 150mm 150mm 150mm</p> 

750W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>600mm</p> 
<p>4 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p>  <p>500mm 120mm</p>
<p>8 x</p> <p>SATA</p> 	<p>400mm 150mm 150mm 150mm</p>  <p>400mm 150mm 150mm 150mm</p>
<p>6 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 150mm 150mm</p>  <p>400mm 150mm 150mm 150mm</p>