



Fusion 550RF-EU

High efficiency 550 Watt PSU

Main Features

- 550 Watts output power, ATX 2.2
- 82 - 86% efficiency; 99% active PFC
- 80mm ARCTIC F8 Pro fan
- Intelligent fan control - 700 to 2,000 RPM
- Unique case fan control for better case ventilation
- Over-Power, Over-Current, Over-Voltage, Short Circuit protection
- SLI and CrossFire compatible, 4 x PCIe



Fusion 550RF-EU

Payment Saving Unit



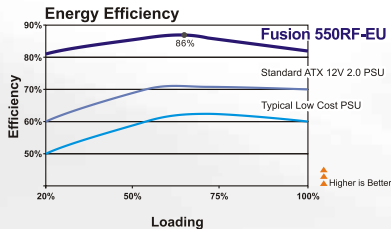
Powerful PSU

With output power of 550 Watts (shut down at 600 Watts), the Fusion 550RF-EU is suitable for gamers and power users.

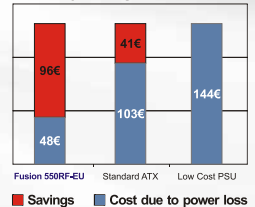


Extremely high efficiency: 82 – 86%

As an eco-friendly PSU and following the 80 PLUS specification, the Fusion 550RF-EU accomplishes up to 86% efficiency. It reduces power consumption and saves you approximately 100€* electricity costs.

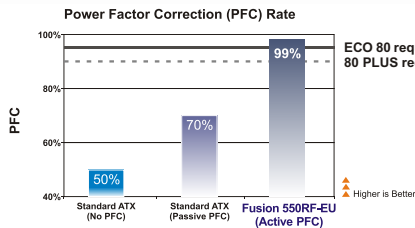


Electricity Saving in 4 Years *



99% PFC

With 99% active Power Factor Correction (PFC), the Fusion 550RF-EU delivers clean and reliable power which reduces power loss in the network and thus, saves electricity costs.



Quiet cooling by ARCTIC F8 Pro fan

As a low noise cooling solutions provider, ARCTIC COOLING excels in fan and airflow design that balances cooling performance and noise level.

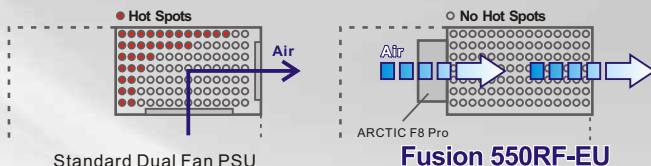
Patents : DE 20307981, US 7101149

* Based on : 200 dly, 4 h/d full load at 0.15 €/kWh



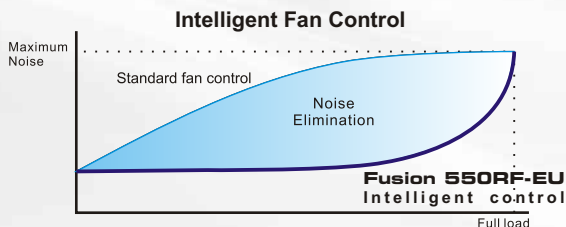
No hot spots

Unlike other PSU fans, after installation, the PSU fan ARCTIC F8 Pro is located inside the PC case rather than at the rear wall. This lowers the noise level and ensures no hot spots occur.



Quiet operation

Optimises fan speed according to temperature and load. As a result, the fan operates at the lowest noise level possible while providing sufficient cooling performance.



Case fan control

Based on temperature and load, the programmed processor controls two case fans (2 X 0.3A max) in order to keep the noise level of the complete system as low as possible.



Safe and reliable

Over-Power, Over-Voltage, Over-Current and Short Circuit Protection guarantees maximum safety for your system.



80 PLUS®

This is an international standard for power supply units. It certifies products that achieve more than 80% energy efficiency at 20% to 100% rated output, and a power factor of 90% or above.

Fusion 550RF-EU

Payment Saving Unit

Model	Fusion 550RF-EU				
Output Power	550 Watts				
Dimensions	160L x 150W x 86H mm (including fan)				
Efficiency	82 - 86%				
PFC	Active 99%				
Fan	80mm ARCTIC F8 Pro				
Fan Speed	700 - 2,000 RPM by Intelligent Controller				
Noise Level	0.08 - 0.3 Sone / 10 -20 dB(A)				
Power Good Signal	100 - 500 mS				
Hold Up Time	>17 mS				
MTBF	100,000 hours at 25°C ambient temperature				
Safety	CUL (Level 6) / CE / CB				
Protection	Over-Voltage Protection (OVP) / Over-Power Protection (OPP) / Over-Current Protection (OCP) / Short Circuit Protection (SCP)				
Input					
Input Voltage	AC 110 - 240V (Auto Range)				
Input Current	6.0A @ 115 VAC				
Input Frequency Range	47 - 63 Hz				
Output					
Output Capacity	550 Watts				
Output Voltage	Load Range		Regulation	Ripple & Noise	Total Output
	Min	Max			
+3.3V	0.5A	24A	+/- 5%	50mV	3.3V+5V combined 130W
+5V	0.3A	24A	+/- 5%	50mV	3.3V+5V combined 130W
+12V1	1A	17A	+/- 5%	120mV	408W
+12V2	1A	17A	+/- 5%	120mV	
-12V	0A	0.8A	+/- 10%	120mV	9.6W
+5Vsb	0A	2.5A	+/- 5%	50mV	12.5W
Case fan on 12V	0.15A x 2 fans				
Environment					
Operating Temperature	0°C - 50°C				
Operating Humidity	20% - 80%				
Storage Temperature	-40°C - 85°C				
Storage Humidity	10% - 95%				