

EarthWatts 650

POWER SUPPLIES

Don't Compromise - Save Energy and Maximize Performance

Get more power and lower your electric bill with the new EarthWatts 650! One of the most environmentally-friendly power supplies available, the EarthWatts 650 efficiently delivers 650 Watts of reliable and stable power while meeting 80 PLUS®, the highest independently certified standard in energy efficiency. That means the EarthWatts 650 consumes up to 33% less energy than an equivalent power supply with absolutely no reduction in excellent performance. On top of that, the EarthWatts 650 boasts universal input to automatically work on any power grid on the planet, and a 120mm fan to keep cool.



UCC13# 0761345-27650-4 US
 UCC13# 0761345-04660-2 EC
 UCC13# 0761345-04661-9 GB

SPECIFICATION:

- ATX12V version 2.2
- 120mm low noise cooling fan
- Three 12V output circuits provide added system stability
- Industrial-grade protection circuitry prevents damage resulting from short circuits, power overloads, over voltage, and under voltage
- 80 PLUS® certified: reduces operating costs and protects the environment
- 6 SATA connectors
- One (6+2) PCI-E connector
- Safety approvals: UL, CUL, FCC, TÜV, CE, CB, C-tick, CCC
- Universal Input
- Active Power Factor Correction (PFC)
- PF value up to 99%
- AQ3 – Antec Quality three-year parts and labor warranty

Get the power you need, reduce your operating costs, and protect the environment with the EarthWatts 650!

Safety Protection	Over Voltage Protection (OVP)
	Short Circuit Protection (SCP)
	Over Current Protection (OCP)

Environmental:

Operating Temperature	0°C to 50°C
Net Weight	5.75 lbs
Safety Approvals	UL, CUL, FCC, TÜV, CE, C-tick, CCC, CB
Size	3.4" (H) x 5.9" (W) x 6" (D)

Input:

Input Voltage	100 ~ 240VAC ± 10%
Input frequency Range	47Hz ~ 63Hz
Efficiency	80% or higher

Output:

Output Voltage	Load Range		Surge	Regulation	Ripple	Ripple & noise
	Min	Max				
1. +5 V	0.2A	25.0 A		±5%	50	70
2. +12V ₁	0.5A	18.0 A	19(10ms)	±5%	120	150
3. +12V ₂	0.5A	18.0 A	19(10ms)	±5%	120	150
4. +12V ₃	0.5A	25.0 A	19(10ms)	±5%	120	150
5. -12 V	0 A	0.5 A		±10%	120	150
6. +5VSB	0 A	2.5 A	3.5(17ms)	±5%	50	70
7. +3.3V	0.1A	25.0 A		±5%	50	70

Max. Power Output: 650W

+3.3V and +5V total power cannot exceed 160W.

+3.3V, +5V, +12V₁, +12V₂ & +12V₃ total power cannot exceed 631.5W.

+12V₁, +12V₂ & +12V₃ total power cannot exceed 540W



Antec—the leader in power supply technology since 1986.

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Antec
 The Power of You