Antec
Believe it.

HCP-750
HIGH CURRENT PRO SERIES

Raw Power Meets Unrivaled Performance

Antec's HCP-750 unifies raw power with advanced PSU engineering to meet the demands of high performing PCs. A full-featured, 80 PLUS® Gold certified unit, HCP-750 is capable of outputting 99 percent of its rated power on its four +12V rails to ensure CPU and graphics card compatibility. Exclusive to the High Current series, HCP-750 boasts High Current heavy-gauge 16 AWG wiring that boosts conductivity, increasing efficiency and improving power delivery. In addition, a double-layer PCB and onboard DC-to-DC converters provide substantial voltage stability. To tackle the needs of your system, pick up Antec's HCP-750.

135 mm Pulse Width Modulation (PWM) fan
with double ball bearing design for quiet airflow

Intelligent Hybrid Cable Management

Four +12V rails
ensure high-end CPU and graphics card compatibility with up to 99% power available

HCG-750

750
WATT
ATX12V V2.3

80 PLUS®
GOLD

80 PLUS® Gold Certification:
80 PLUS® certified products use less energy and therefore generate less heat to stay cooler, run quieter and last longer; they also lower your operating costs.

HCP-750

HIGH CURRENT PRO SERIES

Continuous Power:

Trust Antec to label all of our power supply units in Continuous Power, the steady power a PSU can output continuously, rather than the amount delivered at its short-lived peak.

Intelligent Hybrid Cable Management:

The HCP series features a heavy-gauge 16 AWG High Current cable for high performance components to reduce conducted resistance. A modular 10-pin connector system allows you to directly connect either 10-pin or 5-pin connector harnesses.

NVIDI® SLI® -Ready Certification:
Only PSUs that successfully pass rigorous testing can be NVIDIA® SLI® -Ready certified, ensuring a quality user experience.

SPECIFICATIONS:

- **750 watts** of Continuous Power
- **80 PLUS™ Gold certified** – up to 92% efficient
- **NVIDIA® SLI®-Ready certified, ATI CrossFireX™ certified**
- **Intelligent Hybrid Cable Management** utilizes a 10-pin modular connector system
- **Special heavy-gauge 16 AWG High Current cable** for CPU connectors boosts conductivity, increasing efficiency and improving power delivery
- **2 x 8-pin CPU connectors included** for dual-CPU gaming, server applications and high-end motherboards
- **Gold-plated high-current terminals** for optimal conductivity
- **135 mm double ball bearing PWM fan** for optimal and quiet cooling
- **Four fully-protected High Current +12V rails** ensure high-end CPU and graphics cards compatibility
- **Up to 99% power available on +12V rails**
- **DC-to-DC voltage regulator modules** ensure stability and higher efficiency
- **Highest quality Japanese brand capacitors** for long-term reliability
- **Double-layer PCB** allows for heavy-duty components
- **ATX12V version 2.3 and EPS12V version 2.92 compliant**
- **Full suite of industrial grade protection:**
  - Over current protection (OCP)
  - Over voltage protection (OVP)
  - Short circuit protection (SCP)
  - Over power protection (OPP)
  - Over temperature protection (OTP)
- **All cables braided and wrapped** for better airflow and neatness
- **Universal Input** – works on any 100V - 240V grid
- **Active PFC** with PF: 0.99
- **MTBF:** 100,000 hours
- **Meets 2010 EUP requirement**: 5Vsb < 1W
- **AQ5 Antec Quality 5-year limited warranty on** parts and labor
- **Safety:** cUL, TÜV, CE, CB, FCC, C-TICK, CCC, BSMI, Gost-R
- **Dimensions**: 3.4" (H) x 5.9" (W) x 7.1" (D)
  86 mm (H) x 150 mm (W) x 180 mm (D)
- **Net Weight**: 5.5 lbs / 2.5 kg

INPUT:

Input Voltage	100 ~ 240 Vac ± 10%
Input Frequency Range	50 Hz ~ 60 Hz
Current	(11A @ 115V, 5.5A @ 230V)
Efficiency	Up to 92%

OUTPUT:

Voltage	+5V	+3.3V	+12V$_1$	+12V$_2$	+12V$_3$	+12V$_4$	-12V	+5Vsb
Max. Load	25A	25A	40A	40A	40A	40A	0.5A	3A

+12V$_{1-4}$ maximum combined output: 744W (62A)
+3.3V and +5V combined maximum output: 150W

Total Continuous Power: 750W

POWER SUPPLY CONNECTORS:

24(20+4)-pin	8(4+4)-pin ATX12V/EPS12V	6 x 8(6+2)-pin PCI-E	9 x SATA	6 x Molex	Floppy	8 pin EPS12V

Energy Efficient RoHS AQ5