



# TRUE POWER 2.0

## POWER SUPPLIES

### A complete update of our award-winning line

Our ground-breaking TruePower line has won over 50 awards around the world for its ability to deliver quality, stable power. So of course we've updated it completely. TruePower 2.0—poised to set the new standard for performance power supplies.



#### Major New Features include:

- **Single 120mm low noise fan**
- **Dual 12V outputs**, for stability and safety
- **True Spec noise level** of 21.3 dBA measured at an independent lab using ISO 7779 standard
- **ATX12V 2.01 compliant**. 24-pin main power connector with detachable 4-pin section for universal motherboard compatibility
- **4 Serial ATA connectors**
- **PCI Express graphic card power connectors**

#### SPECIFICATION:

- ATX12V version 2.0
- 120mm low noise cooling fan
- Dual 12V output circuitry provides added system stability and meets UL 240VA requirements. 12V<sub>1</sub> for Motherboard and peripherals; 12V<sub>2</sub> for processor
- Dedicated output for more stability and less ripple noise
- Feedback circuits for tighter load regulation ( $\pm 3\%$ ) to maintain accurate voltage to all components
- Industrial-grade protection circuitry prevents damage resulting from short circuits, power overloads, excessive current, excessive voltage, excessive temperatures
- 4 SATA connectors for Serial ATA drives
- PCI Express graphic card power connector
- Fan Only power connectors allow True Power to control case fan speeds, reducing total system noise
- MTBF: 80,000 hours
- Safety approval: CB, DEMKO, FCC Class B, FIMKO, EMKO, UL, VDE, TUV
- Active Power Factor Correction (PFC) (Europe only)
- Power Factor value greater than 90% (Europe only)
- Gold plated connectors for superior conductivity
- Available from 380 watt to 550 watt

#### Safety Protection

Over current protection (OCP),  
Over Voltage Protection (OVP),  
Short Circuit Protection (SCP),  
Under Voltage Protection (UVP),  
Over Temperature Protection (OTP),  
Over Power Protection (OPP)

#### Input:

Input Voltage	115VAC/230VAC
Input frequency Range	47Hz – 63Hz
Inrush Current	60A @ 115V, 80A @ 230V
Input Current	12A @ 115V, 6A @ 230V
EMI/RFI	FCC Class B

#### Environmental:

Operating Temperature	0°C to 50°C
Operating Altitude	Sea level 10,000ft
MTBF	80,000 hours at 25°C
Net Weight	4.5lbs / 2kg
Safety Approvals	CB, DEMKO, FCC Class B, FIMKO, NEMKO, UL, VDE, TUV
Size	3.4" (H) x 5.9" (W) x 5.5" (L) / 14cm (W) x 8.6cm (H) x 15cm (D)



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The Power of You