# YCC

# CTE850V5-G

## FUTURE-FORWARD PERFORMANCE!

The CTE850V5-G Series delivers stable power with ATX 12V 3.1, PCIe 5.1, up to 850W, high efficiency, compact design, and optimized cooling for advanced systems.

**80 PLUS® GOLD**

# 850W Platinum ATX3.1

### 80 Plus Gold Efficiency

Ensures high energy efficiency, reducing power waste and heat output.

### Smart FAN Control

Adjusts the fan speed based on the PSU's temperature to ensure quiet and efficient cooling.

### Low Noise Operation :

Advanced Fluid Dynamic Bearing technology enhances cooling with 135mm Fan

### Alternative Sleep Mode (ASM):

Complies with ErP regulations, optimizing 5V standby efficiency for eco-friendly performance in sleep states.

### ATX 3.1 & PCI-E 5.1

Complies with the latest standards for compatibility and performance.

### Modular design

Allows you to connect only the cables you need, improving cable management and airflow.

### PCI-E CEM5 Support:

Provides scalability for power excursions, catering to graphics-heavy gaming and workstation systems.

### Dual 12V-2x6 connector:

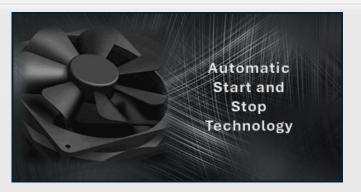Suitable for high-power GPUs, providing stable power delivery.

## Durable 12V-2x6 Connectors:

Designed for high durability and) long-term reliability& efficient Power transfer, Provides stable and consistent 12V power supply to connected components.

## 3X Peak Load Support

excellent transient response capabilities to draw up to 1800W during peak load





## SMART FAN Control:

Exceptional Longevity technology ensures extended lifespan and reliability and efficient Cooling to optimal airflow for maintaining stable temperatures.

## High Quality Capacitors:

Ensure stable performance, reduce power fluctuations, resist heat, and minimize energy loss through low ESR, enhancing durability and efficiency



| Point | Details |
|---|---|
| Example Purposes | All images and descriptions are solely for illustrative purposes. |
| Subject to Change | Specifications, features, and prices can change without prior notice. |
| Regional Variation | Specifications, appearances, and features might differ by model and region. Refer to official pages for details. |
| Performance Claims | Unless explicitly stated, performance claims are theoretical; actual figures may vary. |
| Configuration Limitations | Non-original product configurations are not guaranteed for performance. |

# Specification

| Full Name/Title | CTE850V5-G 850W Gold ATX3.1 | |
|---|---|---|
| Color | Black | |
| Item code | CTE850V5-G | |
| Wattage | 850W | |
| Combined Power +5V&+3.3V | 120W | |
| Input Voltage | 100 - 240V | |
| Input Current | 10 – 5.0A Max | |
| 80 PLUS Label | Gold | |
| Hold-up time | > 16ms | |
| MTBF | >100000 hours | |
| Protection | OPP, OVP. OCP, SCP, OT | 5Vsb SCP: Recovery |
| Operating Temperature | 0 - 40 ℃ (40-50℃: derating to 80% Load) | |
| Rating label | +5V | 22A |
| | +3.3V | 22A |
| | +12V | 70.8A |
| | -12V | 0.3A |
| | +5Vsb | 3A |
| Connectors | ATX 24 pin | 1=1x(600) |
| | EPS 4+4 pin | 2=2x(700) |
| | PCI-e 6+2 pin( x2 connecter) | 4=2(600+150) |
| | ATX3.1 12V-2x6 | 1=1x(600)\ |
| | 12V-26 to 2xPCI-e(6+2) | |
| | PATA  (P+S+S) | 4=1x(500+150+150+150) |
| | SATA (S+S+S) | 4=1x(500+150+150+150) |
| | | |
| | Cable Management | Full Modular |
| Cooling | 135mmFDB | |
| Dimensions (mm) | Length | 150 mm |
| | Width | 150 mm |
| | Height | 86 mm |