



## HELA 1200R Platinum Cybenetics Platinum 1200W PCIe 5.0 Fully Modular Power Supply



- Equipped with Gen5 12VHPWR PCIe connector, meeting Intel ATX 3.0 specification standard
- Cybenetics Platinum efficiency certification
- 24/7 continuous power output with 50°C operating temperature
- Fully Modular design
- All Japanese electrolytic capacitors
- Ultra silent 135mm FDB fan with semi-fanless function

### Product Specifications

**Product No.**

SST-HA1200R-PM

**Color**

Black (lead-free paint)

**Power density**

620W per liter

**Combined +3.3V & +5V**

120W

**Input Voltage**

90 – 264 Vrms

**PFC**

Active PFC (PF>0.9 at full load)

**MTBF**

100,000 hours

**Protection**

Over Current Protection  
Over Power Protection  
Over Voltage Protection  
Short Circuit Protection  
Under Voltage Protection  
Over Temperature Protection  
No load operation

**Cooling System**

Silent 135mm silent fan

**Certification**

Cybenetics Platinum

**Dimension**

150mm (W) × 86mm (H) × 150mm (D)  
5.91" (W) × 3.39" (H) × 5.91" (D)

**Model (safety certification)**

SST-AX1200MCPT-A

**Max. DC Output**

1200W

**Load Range**

Output	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	22A	22A	100A	2.5A	0.3A
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	+5/-7%	±5%	±5%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	30mV	30mV	70mV	40mV	40mV

**Combined +12V**

1200W

**Input Frequency Range**

47Hz – 63Hz

**Efficiency**

≥87% & <89% overall efficiency

**Operating temperature**

0°C – 50°C

**Connectors**

1 x 24 / 20-Pin motherboard connector  
2 x 8 / 4-Pin EPS / ATX 12V connector  
6 x 8 / 6-Pin PCIe connectors  
1 x 12+4-Pin 12VHPWR connector  
12 x SATA connectors  
3 x 4-Pin Peripheral connector  
1 x 4-Pin Floppy connector

**Noise Level**

0 dBA minimum

**Form factor**

ATX (PS2)

**Weight**

2.9 kg



### 12VHPWR PCIe connector supports ATX 3.0 specifications

The 12+4 pin (12VHPWR) design is capable of withstanding power failure caused by a running graphics card's instantaneous peak power consumption, whilst providing higher stability and efficiency power output for high-end systems

12VHPWR CONNECTOR

Intel ATX 12V 3.0 support

PCIe Gen 5 standards

PSU LOAD	EFFICIENCY %
10%	91%
20%	90%
50%	89%
100%	89%

### Cybenetics Platinum Certified

Designed for Cybenetics Platinum level of efficiency to reduce wasted heat and save on electricity

### Fully modular design with universal EPS / PCIe connector interface

Flat cables have much greater flexibility to allow for tighter folding and management of cable

Full modular