EPS12V 1100W

MODEL SELECTION

Part Number	PFC	Input Voltage
API7054	Active PFC	100~240Vac

FEATURES

- Active Clamp Forward Converter design
- 3.3V & 5V DC-DC VRM module - increase efficiency
- Overclocking capability
- Scratch-resistant wrinkle paint casing
- Compliance with 80 PLUS Silver - efficiency 85%, 88%, 85%
- Support multi-GPU SLi & Crossfire
- Intelligent-thermal fan control
- Japanese made & solid state capacitors

GENERAL SPEC.

Hold-up Time	17ms@max. load 115Vac/57Hz & 230Vac/63Hz
Dimensions	190 x 150 x 86 (mm)
MTBF	468K+ hrs
Output Rise Time	0.1~20ms
PG Signal Rise Time	10ms max.

INPUT SPEC.

Input Voltage Range	100~240Vac
Input Frequency Range	50~60Hz
Leakage Current	3.5mA@120V/60Hz
AC Input Current	16A@90V
PFC (Harmonic)	Meet EN61000-3-2 Class D (110V/50Hz & 230V/50Hz)
EMI/RFI	CISPR 22 Class B

ENVIRONMENTAL SPEC.

Operating Temperature	0 ~ 50°C
Storage Temperature	-40 ~ 70°C

OUTPUT CURRENT CAPACITY

Voltage	Regulation	Min. Load	Max. Load	Combined
+5V	4.75~5.25	0A	25A	207.5W
+3.3V	3.13~3.46	0A	25A	
+12V1	11.4~12.6	0.1A	25A	1068W
+12V2	11.4~12.6	0.1A	25A	
+12V3	11.4~12.6	0.1A	25A	
+12V4	11.4~12.6	0.1A	25A	
+12V5	11.4~12.6	0.1A	25A	
+12V6	11.4~12.6	0.1A	25A	
-12V	-10.8~-13.2	0A	0.5A	6W
+5Vsb	4.75~5.25	0A	5A	25W

OUTPUT SPEC.

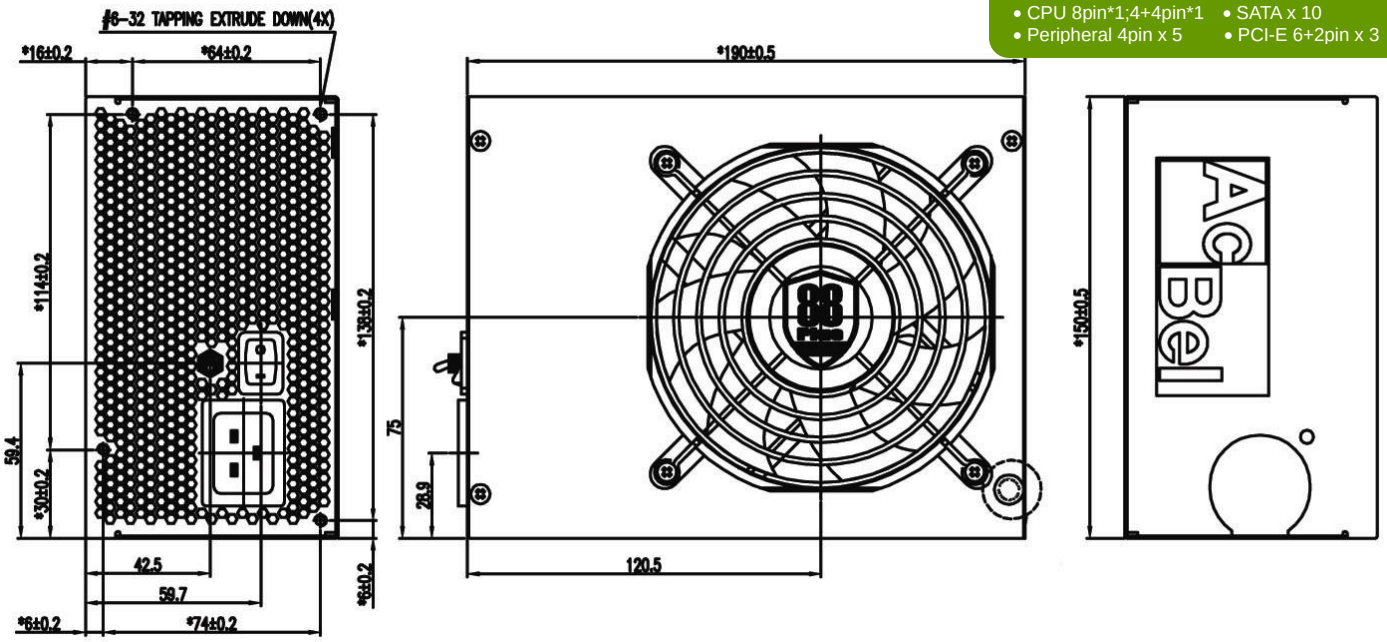
Rated Power	1100W
Efficiency	85%+@20%, 88%+@50%, 85%+@100% loads
OVP	+3.3V:4.5V,+5V:7V,+12V1/V2/V3/V4/V5/V6:16V
OCP	+3.3V:30A,+5V:30A,+12V1/V2/V3/V4/V5/V6:30A
OTP	Latch off all main outputs if over temperature
SCP	Latch off all main outputs reset by cycling on/off control or AC power

SAFETY

UL, CUL, FCC, TUV, NEMKO, CB, CE, CCC, BSMI, C-Tick,

OUTLINE DRAWING

Cabling:
- 24pin for M/B x 1
- CPU 8pin*1;4+4pin*1
- Peripheral 4pin x 5
- FDD 4pin x 1
- SATA x 10
- PCI-E 6+2pin x 3



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i. Specifications are subject to change without prior notice
ii. All illustrations are for reference only.