

CD-8DGR-500



GENERAL SPEC.

Hold-up Time	16ms@115Vac/60Hz or 230Vac/50Hz
Dimension	157 x 150 x 85mm
MTBF	100KHrs
Output Rise Time	0.2~20ms
PG Signal Rise Time	10ms max.

ENVIRONMENTAL SPEC.

Operating Temperature	0~45°C
Storage Temperature	-40~70°C

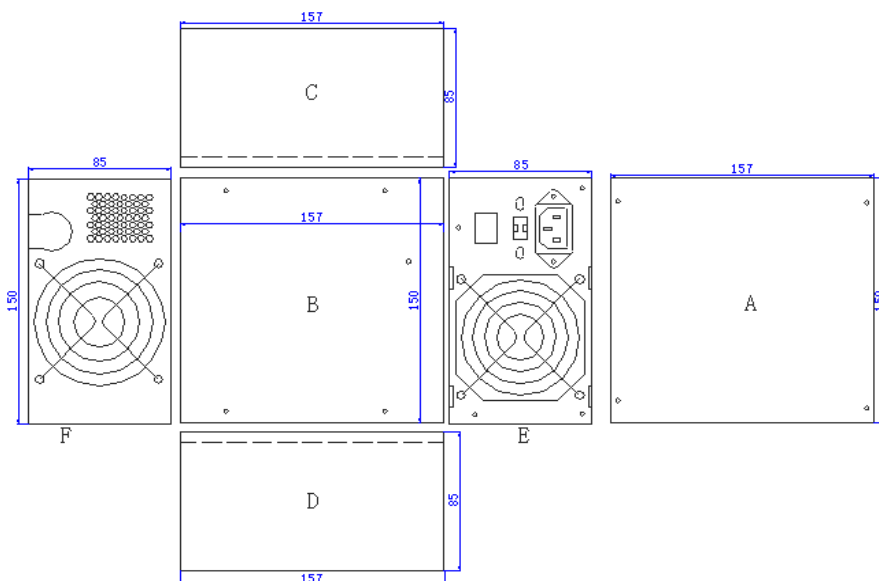
OUTPUT CURRENT CAPACITY

Voltage	Min. Load	Max. Load	Combined	Output
+5V	1A	12A	80W	486W
+3.3V	0A	12A		
+12V1	0.5A	20A	480W	
+12V2	0.5A	20A		
-12V	0A	0.3A	3.6W	14W
+5Vsb	0A	2A	10W	

SAFETY

ATX-500: UL, FCC, CE

OUTLINE DRAWING



Connector	8DGR-500
20+4 Pin Main	1
CPU 4+4 Pin	1
PCI-E 6-Pin	1
Serial ATA	2
Peripheral	2
Floppy	1

MODEL SELECTION

Wattage	PFC	Input Voltage
500W	APFC	100~240 Vac

FEATURES

- Support Intel Core i5, i7 and AMD Phenom, Athlon CPUs
- +12V1, +12V2 Dual channel output
- Auto-thermal fan control technology maximizes acoustic & heat performance
- Protection of over voltage, over power & short circuit
- 20+4 pin & 4+4 pin detachable headers for M/B & CPU connections
- Dual High RPM ball bearing fan, better heat dissipation for life span

INPUT SPEC.

Input Voltage	100~240 Vac
Input Frequency	50/60Hz
Leakage Current	3.5mA@230V/50Hz
AC Input Current	8A@115V; 4A@230V
EMI/RFI	CISPR 22 & FCC Part 15 Class B

OUTPUT SPEC.

Rated Power	500W
Max. Power	600W
Efficiency	82% above@110Vac, 85% above@230Vac
OVP	+3.3V: 4.5V, +5V: 7V, +12V1: 15V, +12V2: 15V
SCP	Latch off all main outputs reset by cycling on/off control or AC power
OPP	600W~675W (120%~135%)