

AC to DC SERIES



❖ FEATURES :

- High Efficiency -
Meet 80PLUS(Silver)
- Full-Bridge Circuit Design
- Active Power Factor Correction
- Support ATX12V Rev.2.3 / EPS12V
- Six +12V output Rails (Optional)
- Fan Failed Notice
- Closed-Loop Fan Speed Control
- Power Failed LED Indicator
- TTL Compatible Power Good Signal
- Low Noise
- High Reliability

❖ Environmental Spec:

- Operating Temperature :
0 ~ 50 degC
- Storage Temperature :
-40 ~ 70 degC

❖ Dimensions (L x W x H) :

160 x 150 x 85 mm

Series : 1050/1150/1250W

❖ Output Current Capacity :

Voltage	Regulation	Min. Load	Max. Load	Peak Load	Ripple P-P	Max. Power
+5V	4.75 ~ 5.25	0.0A	20A	-	80mV	160W
+3.3V	3.14 ~ 3.47	0.0A	20A	-	80mV	
+12V1	11.64 ~ 12.36	0.0A	28A	-	120mV	1100W
+12V2	11.64 ~ 12.36	0.0A	28A	-	120mV	
+12V3	11.64 ~ 12.36	0.0A	28A	-	120mV	
+12V4	11.64 ~ 12.36	0.0A	28A	-	120mV	
+12V5	11.64 ~ 12.36	0.0A	28A	-	120mV	
+12V6	11.64 ~ 12.36	0.0A	28A	-	120mV	
-12V	-10.8 ~ -13.2	0.0A	0.5A	-	120mV	25W
+5Vsb	4.75 ~ 5.25	0.2A	3A	-	50mV	

Electrical Specifications

■ Input :

Parameter	Min	Nom	Max	Unit
Vin (Full range)	90	100 -- 240	264	Vac
Vin Frequency	47	50 -- 60	63	Hz
Iin	5.5 - 12.0 (1000W) 6.5 - 13.0 (1100W) 7.0 - 15.5 (1250W)			A.rms

■ Output Rating Voltage & Regulation :

Parameter	RANGE	Min	Nom	Max	Unit
+3.3V	+5/-5%	+3.14	+3.3	+3.47	Volts
+5.0V		+4.75	+5	+5.25	
+12V1	+3/-3%	+11.64	+12	+12.36	
+12V2					
+12V3					
+12V4					
+12V5					
+12V6	+/-10%				
-12V					
+5Vsb	+5/-5%				

■ Output Load Configurations :

Parameter	1000W	1100W	1250W	Unit
+3.3V	20	20	25	Amps
+5.0V	20	20	25	
+12V1	25	28	28	
+12V2				
+12V3				
+12V4				
+12V5				
+12V6				
-12V	0.5	0.5	0.5	
+5Vsb	3	3	3	

■ Output Ripple/Noise :

Parameter	Ripple & Noise	Unit
+3.3V	80	mVp-p
+5.0V	80	
+12V1	120	
+12V2		
+12V3		
+12V4		
+12V5		
+12V6		
-12V	120	
+5Vsb	50	