

Features

- Universal AC input (90-264Vac)
- Active CCM PFC: >0.95 (115Vac)
- AC Input: < 10% THD (with full load)
- Pout = 0.25W Pin < 0.5W @ Standby mode.(Meet Eup Lot6 Tier2.)
- Efficiency: 80-plus Gold @ Active mode.
- Tight cross regulation (5V & 3.3V DD Module built-in)
- Fully reliable Protection. (OCP, OVP, UVP, OTP and SCP)
- High reliability requirement. (MTBF>150,000Hours).
- Follow up Intel SSI requirement.
- Meet CCC 5000m altitudes requirement.

**General****Input-**

Input Voltage : 90-264VAC

Input Frequency : 47Hz-63Hz

Maximum Input Current : < 4A / 100VAC.

Efficiency:

Active mode : 80-plus Gold

Standby mode: Meet Eup lot6 Tier2.

Hold-Up Time : >17mS at rated load & nominal line.

Protection-

OVP : Latch-off

OCP : Latch-off

OTP : Latch-off

SCP : Latch-off

Note: 5VSB will be self-protection with auto-recovery.

Environment & Reliability-

Operating Temperature : 0°C to 50°C

Storage Temperature : -45°C to 75°C

Cooling : By self-Fan cooling.

MTBF : >150k hours rated load and 25°C

Safety & EMC-

Safety : CSA 22.2 NO 60950-1
UL, TUV, CB, CCC, BSMI

EMI : EN55022 (CISPR22) Class B
FCC part 15 Class B
EN61000-3-2
EN61000-3-3

EMS : EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-8
EN 61000-4-11

Packing-

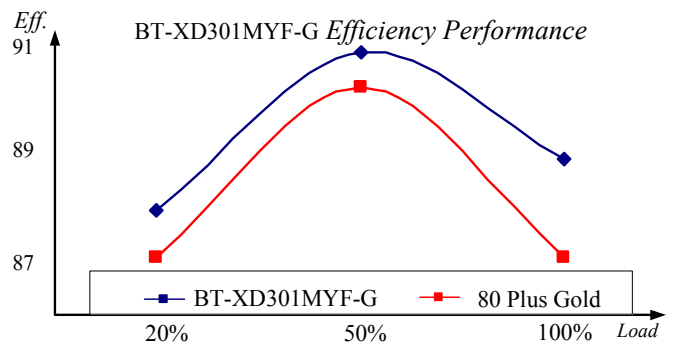
Unit NET weight (g) : 1.3kg

~ This date sheet is for reference, specification might be changed without notice. ~

OutPut

Model No.	Output Voltage	Output Current			Ripple Noise	O/P Voltage Accuracy
		Min	Max	Surge Peak		
BT-XD301MYF-G	+3.3V	0.4A	12A	13A	50mV	±5%
	+5V	0.7A	13A	14A	50mV	±5%
	+12Va	0.2A	13A	14A	120mV	±5%
	+12Vb	0.4A	13A	14A	120mV	±5%
	-12V	0A	0.3A	-	120mV	±10%
	+5Vsb	0A	2A	2.5A	50mV	±5%

1. The total combine output power shall not exceed 300 W
2. +12V output power shall not exceed 240VA
3. The total output surge power shall not exceed 330 W. The maximum surge duration is 10 seconds. The +12.0V tolerances is ±10% during surge conditions.
4. The total combine power of 5V and 3.3V shall not over 104W with any conditions.

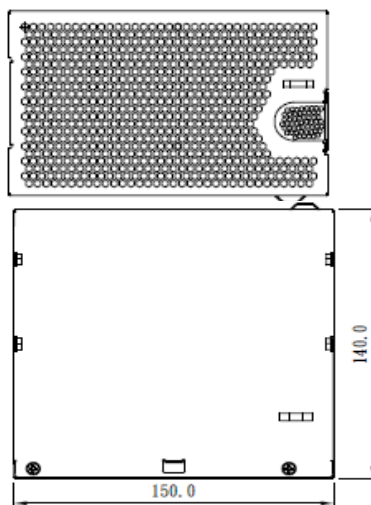


Mechanical

Dimension (LxWxH) : 150*140*86 mm

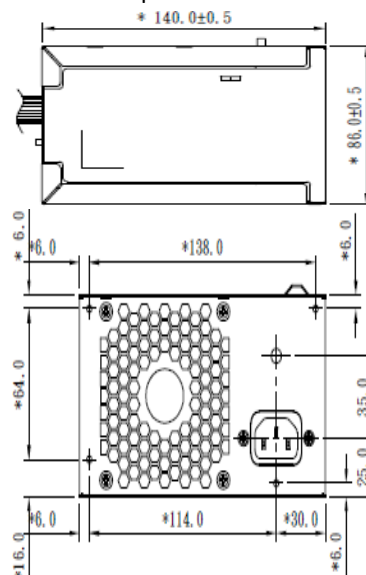
AC Inlet : C14 type

Mechanical drawing :



Enclosure Material: Metal case

DC Output Connector : Follow SSI Spec



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