

# R2 Series 650W

# R2IS7651A-G







## **GENERAL SPEC**

■ Hold-up Time
 Dimensions
 MTBF
 12mS@100% load
 L260 x W101 x H83,5 (mm)
 100,000 hours min at full load, +40°C

■ Output Rise Time 5 ~ 70mS■ Power Factor 0.90 typical load

## **ENVIRONMENTAL SPEC**

Operating Temperature  $0^{\circ}\text{C} \sim +50^{\circ}\text{C}$ Storage Temperature  $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ 

## **OUTPUT CURRENT CAPACITY**

Output	Min	Max	Peak
+5.0V	1.0A	40.0A	52.0A
+3.3V	1.0A	30.0A	39.0A
+12.0V1	0.5A	45.0A	58.5A
+12.0V2	0.5A	45.0A	58.5A
+12.0V3	0.5A	45.0A	58.5A
-12.0V	0.0A	0.3A	·
+5Vsb	0.1A	4.0A	5.2A

- Maximum continuous total DC output power should not exceed 650W.
- Maximum continues combined load on +3.3Vdc and +5Vdc outputs shall not exceed 200W.
- Maximum continues combined load on +12V1,2,3 outputs shall not exceed 650W.
- $\blacksquare$  Maximum peak total DC output power should not exceed 845W.

#### **MODEL DESCRIPTION** -

This product is designed for high efficiency 2U up to 4U Rack mount and multi form factor applications. The R2IS7651A-G power system offers following main outputs +5V, +3.3V, +12V, -12V, and a +5Vsb auxiliary output. The product is designed from ground up to meet modern Data Center, Mission Critical and Industrial Application System requirements.

## **FEATURES**

- ♦ Safety according to EN 60950-1:2006/UL 60950-1 2nd Edition
- ◆ PSMC accuracy within 5% (Current, Voltage, Temp, Power)
- ◆ Embedded Buzzer Alarm with reset port function.
- ◆ Energy Star compliances for Computer Server 2.0
- Power module efficiency: 80plus Gold certified.
- LED indicators for power status (Green/Amber).
- Low Acoustic design by Digital Fan control.
- PSON, PG/PWOK, SMBAlert signaling.
- Designed for Intel Haswell platform.
- High Voltage 240VDC compatible.
- ◆ PMBus 1.2 compliant.
- ♦ 3 years warranty.

## **INPUT SPEC** -

Input Voltage Range 90~264Vac
Input Frequency Range 47/63Hz

Leakage Current < 3.5mA when tested at 240Vac
AC Input Current 9.5A@115Vac / 4.5A@230Vac
PFC (Harmonic) Meet EN61000-3-2

EMI/RFI CISPR 22 Class A

## **OUTPUT SPEC -**

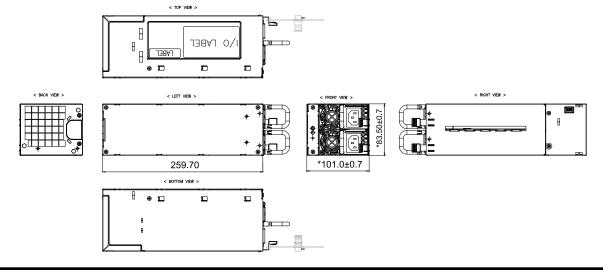
Output Power 650W

control or AC power

# SAFETY -

■ UL, cUL, TUV, CB, CE, CCC, BSMI

## **OUTLINE DRAWING -**



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