

# R1B DC Series

# 450~650W

## FEATURES

- Support Active-Standby mode Design
- Smart fan speed control.
- Environmental Compliance : RoHS, WEEE, REACH.
- Application : Server, NAS, Networking, IPC.
- EMI/RFI : CISPR22;CLASS A
- PROTECTION : OVP 、 OCP 、 OTP 、 SCP
- SAFETY : UL/cUL, TUV, FCC, CCC, KC, CB, CE  
\*BIS(\*R1BD2451A)

## R1BD2451A R1BD2651A

Dimension : 50.5\*300\*40.2(mm)  
Total Max Power : 450~650W



### INPUT SPEC.

Model	Input Voltage	Input Current
R1BD2451A	-40Vdc ~ -72Vdc	15A@-40Vdc 9A@-72Vdc
R1BD2651A		20A@-40Vdc 15A@-72Vdc

### OUTPUT SPEC.

Model	Voltage	Regulation	Max Load	Ripple & Noise
R1BD2451A 450Watt	+12V  +5Vsb	+/-5%	37.5A	120mV p-p
R1BD2651A 650Watt		+/-5%	54A	50mV p-p
			3A	

### ENVIRONMENTAL SPEC.

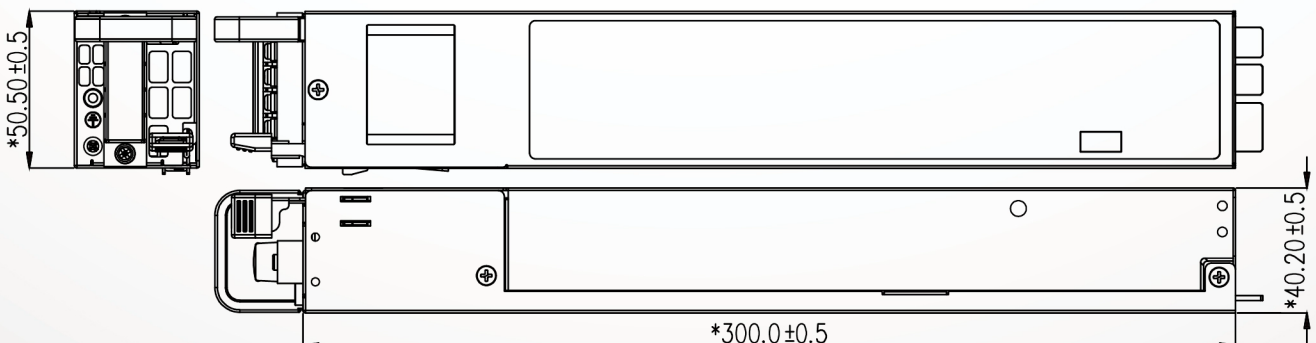
Temperature	Altitude	Relative humidity	Lightning surge
0°C~+50°C	16,404.2ft (5,000m)	5% to 95% RH Operating	Line to Line ±0.5KV Line to PE ±1KV

### GENERAL SPEC.

Hold-up Time	Efficiency	MTBF
450W 2ms@48V 650W 1ms@48V	Over 87% @100% Load	at least 150,000 hours at 40°C ambient with -53VDC and in 75% load condition

\*NOTE: 1) Maximum continuous total DC output power should not exceed 450W~650W.

## OUTLINE DRAWING



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