

DC 2U Redundant

HIGH EFFICIENCY
DC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS



MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
BR2G-5420V4V	420W	25A	33A	25A	X	0.8A	3.5A
BR2G-5460V4V	460W	25A	37A	25A	X	0.8A	3.5A
REGULATION LOAD		±5%	±5%	±5%	X	±10%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS : +5V AND +3.3V TOTAL OUTPUT MAX : 170W

BR2G-5420V4V BR2G-5460V4V

2U Redundant DC to DC

INPUT CHARACTERISTICS:

VOLTAGE :

18 ~ 36 VDC, NORMAL 24VDC

STEADY-STATE CURRENT:

18~36VDC / 35-16AMP (22/24AMP @ 24VDC)

INRUSH CURRENT :

30A @ 24VDC (AT 25 DEGREES AMBIEND COLD START)

EMI :

FCC, CISPR 22(EN 55022)

EMS :

EN 61000-4-2 ESD, EN61000-4-4 EFT, EN61000-4-5 SURGE

SAFETY :

UL&CUL, TUV

SPECIFICATION:

TEMPERATURE RANGE : OPERATING 0°C ~ 40°C · STORAGE -20°C ~ 80°C

HOLD UP TIME : 1ms IN REGULATOIN LIMIT AT NORMAL INPUT VOLTAGE (DC 24V)

EFFICIENCY : >80% TYPICAL AT 24VDC FULL LOAD

POWER GOOD SIGNAL : ON DELAY 100ms TO 500ms · OFF DELAY 1ms

OUTPUT PROTECTION : OPP / OVP / SCP /OCP

BALANCE LOAD SHARING DESIGN

REMOTE ON/OFF CONTROL

HOT-SWAPPABLE/HOT PLUGGABLE REDUNDANCY FUNCTION

ISOLATION

3.3V / 5V REMOTE SENSING

DIMENSION : 276(D) X 101(W) X 82(H) mm

THE POWER-SUPPLY IS FOR CHASSIS-ASSEMBLY ONLY AND IS NOT ALLOWED TO BE OPERATED AS STAND-ALONE COMPONENT. FINAL ASSEMBLY HAS TO COMPLY WITH CORRESPONDING EMC- AND SAFETY-REGULATIONS.

