

DC 1U Redundant

HIGH EFFICIENCY
DC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
BM1U2-5500V4H	500W	22A	41A	22A	X	0.5A	3A
BM1U2-5501V4H	500W	36A	41A	31A	X	0.5A	3A
REGULATION LOAD		±5%	±5%	±5%	X	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS : TOTAL MAX OUTPUT OF +5V AND +3.3V NOT EXCEED 150W

BM1U2-5500V4H BM1U2-5501V4H

INPUT CHARACTERISTICS:

VOLTAGE :

19 ~ 36VDC

INPUT CURRENT :

30 / 18A MAXIMUM AT ANY LOW/HIGH RANGE INPUT

VOLTAGE

INRUSH CURRENT :

10A MAX. @28VDC INPUT (AT 25 DEGREES AMBIENT COLD START)

START UP CURRENT :

24AMPS MAX. @28VDC INPUT (AT 25 DEGREES AMBIENT 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 ~ 50°C , STORAGE -20°C ~80°C

HOLD UP TIME : 1ms IN REGULATOIN LIMIT AT NORMAL INPUT VOLTAGE (DC 28V)

EFFICIENCY(PER SET) : POWER SUPPLY EFFICIENCY TYPICAL 80% AT 28VDCin, FULL LOAD

OUTPUT PROTECTION : OPP / OVP / SCP / OCP

REMOTE ON/OFF CONTROL

BALANCE LOAD SHARING DESIGN

HOT-SWAPPABLE/HOT PLUGGABLE REDUNDANCY FUNCTION

ISOLATION BUILT-IN THE POWER MODULE

WARNING METHOD : BUZZER, TTL SIGNAL

DIMENSION : 355(D) * 106(W) * 41.3 (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.

