DC 2U Redundant

HIGH EFFICIENCY
DC INPUT TO DC OUTPUT

BG1W2-5600V3V

2U Redundant DC to DC

OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
BG1W2-5600V3V	600W	25A	50A	25A	X	0.8A	3.5A
REGULATION LOAD		±5%	±5%	±5%	X	±5%	±5%
RIPPLE AND NOISE		50mV	120mV	50mV	X	120mV	50mV

REMARKS：POWER MODULE TOTAL OUTPUT POWER OF +5V AND +3.3V NOT EXCEED 190W;
TOTAL OUTPUT MAX 600W (AT 18V ONLY 550W)

INPUT CHARACTERISTICS:

VOLTAGE：

19 ~ 36 VDC

STEADY-STATE CURRENT：

19-36VDC/44-21AMP(32AMP AT 24VDC)

INRUSH CURRENT：

60A @24VDC AT 25 DEGREES AMBIENT COLD START

EMI：

IEC61000-3-2, FCC, CISPR 22(EN 55022)

EMS：

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

SAFETY：

UL, CUL, TUV

E143756

SPECIFICATION:

TEMPERATURE RANGE：OPERATING 0℃ ~ 40℃ , STORAGE –20℃ ~ 80℃

HOLD UP TIME：WHEN POWER SHUTDOWN DC OUTPUT 12V MUST BE MAINTAIN 1MS IN 24V

EFFICIENCY：TYPICAL >80% AT 24VDC, FULL LOAD

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

OUTPUT PROTECTION：OPP / OVP / OCP / SCP

REMOTE ON / OFF CONTROL

REMOTE SENSING DESIGN

BALANCE LOAD SHARING DESIGN

HOT-SWAPPABLE/HOT PLUGGABLE REDUNDANCY FUNCTION

ISOLATION：BUILT-IN THE POWER MODULE

FAULTY ALARM METHODS：LED, BUZZER, TTL SIGNAL

DIMENSION：300(D) X 101.2(W) X 84(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.