

HIGH EFFICIENCY DC INPUT TO DC OUTPUT



OUTPUT CHARACTERISTICS

MODEL	WATTAGE	OUTPUT					
		+5V	+12V	+3.3V	-5V	-12V	+5VSB
DR1S2-5300V4V	300W	20A	24A	20A	X	0.5A	2.5A
DR1S2-5380V4V	380W	20A	30A	20A	X	0.5A	2.5A
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 : 140W; TOTAL OUTPUT MAX : 300W/380W

DR1S2-5300V4V DR1S2-5380V4V

SPECIFICATION :

TEMPERATURE RANGE : OPERATING 0°C ~ 50°C , STORAGE -20°C ~80°C

EFFICIENCY : >80% AT -48V · FULL LOAD

OUTPUT PROTECTION : OPP / OVP / SCP

REMOTE ON/OFF CONTROL

BALANCE LOAD SHARING DESIGN

HOT-SWAPPABLE/HOT PLUGGABLE REDUNDANCY FUNCTION

ISOLATION : BUILT-IN THE POWER MODULE

DIMENSION : 207mm (D) x 85mm (W) x 84mm (H)

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.

INPUT CHARACTERISTICS

VOLTAGE :

-36 ~ -72VDC, NORMAL : -48VDC

STEADY-STATE CURRENT :

WATTAGE	-36~-72VDC
300W	12~6 AMP (9 AMP AT -48VDC)
380W	15~7 AMP (11 AMP AT -48VDC)

INRUSH CURRENT :

70 AMPS @-48VDC (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 :

TO MEET UL, CUL, TUV, CCC

