

FSP3000-20FE



FEATURES

- 3000W Output, +54V, +12Vsb
- 80PLUS Platinum
- Working temperature: 0 to 55°C
- Cold Redundant; Hot Swapping
- Support OCP, OTP, OVP and OPP circuit protection
- Operation: sea level to 5000m
- PMBus 1.2

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP3000-20FE is a redundant power supply module based on CRPS 2.2 standard. The power supply offers the total power capacity up to 3000 Watts, and provides PMbus features, which makes it to be able to communicate with system motherboard. In addition, the power supply is ideally the best choice for datacenter, 5G, AI, workstation, communication or any other automation applications. This product complies with the latest Safety and EMC standards, perfectly to meet various regulations worldwide.

GENERAL SPECIFICATIONS

Dimension (L x W x H):	265 x 73.5 x 40 (mm)	Environment	
Efficiency:	94% minimum	Working temperature:	0°C to 55°C
		Storage temperature:	-40°C to + 70°C
		Working humidity:	90% RH non-condensing
		Storage humidity:	95% RH non-condensing
Hold-up time at 100% loading:	115V / 60Hz: ≥ 10ms 230V / 50Hz: ≥ 10ms	MTBF (SR-332 Issue 2):	250,000 hours of continuous operation at 40°C, 75% output load
Surge Immunity:	Differ. Mode 1KV, Common. 2KV	Applications:	Data Center, Storage System, IPC Controller

INPUT SPECIFICATIONS

Input voltage:	90-264Vac, 180~310V HVDC
Input frequency:	47-63Hz
Input current:	max. 115Vac @ 1400W, 230Vac @ 14.9A, 3000W

Load Share Bus Output (High Line)

Parallel mode	1+1		2+1		3+1	
	54V	12Vsb	54V	12Vsb	54V	12Vsb
Maximum Load	55.6A	3A	111.2A	3A	166.8A	3A
Peak Load	111.2A	3A	166.8A	3A	222.4A	3A
Minimum current share threshold	14A	0A	28A	0A	42A	0A
Start up maximum current	55.6A	3A	55.6A	3A	55.6A	3A

MECHANICAL SPECIFICATIONS

UNIT: mm

