



GDS-PS20024-20 POWER SUPPLY

DESCRIPTION: THIS SPECIFICATION IS ADAPTED TO THE GDS-PS20024-20 MODELS OF SWITCHING POWER SUPPLY.

PRODUCT CHARACTERISTICS:

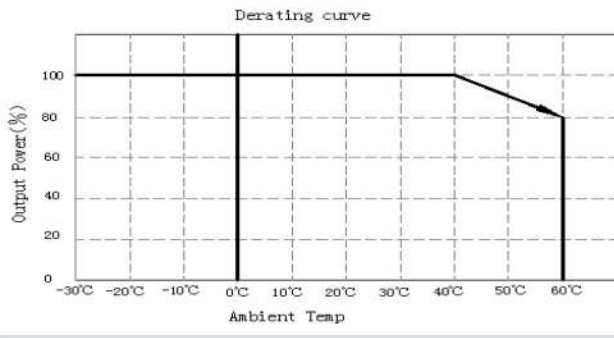
- THE-30 ULTRA-CRYO TEMPERATURE WAS INITIATED
- A 100% FULL-LOAD AGING TEST
- RED LED LAMP-POWER SUPPLY WORKING
- STATUS INDICATION
- COMPLIANCE WITH THE ROHS STANDARDS
- NATURAL COOLING

FEATURES:

Item	Function	Detailed parameters
Import characteristic	input voltage range	180~240Vac
	Power frequency range	47~63Hz
	Maximum input current	2.5A MAX
	power factor	≥ 0.6
	full load efficiency	$\geq 84\%$
	Input shock current (cold start)	Less than 80A, cold start
	leakage current	$< 3.5\text{mA}/240\text{Vac}$

Output characteristic	output voltage	24.0V
	Output voltage error	±4%
	range output	23V~25V
	maximum output	0~8A
	Tattoo and noise	90W 恒功率模式
	Power supply adjustment rate	360mVp-p MAX
	load regulation	±1%
	Boot delay time	±5%
	Output climb time	≤ 5S/230Vac @ full load
	Output hold time	0.1~100mS/230Vac @ full load
	Output protection	≥10mS/230Vac @ 80% of full load
Protect characteristic	high-voltage insulation test	The output is in over-power protection mode with a constant power of 80-100W
High-handed test	Output indication	Input-Output:1500Vac or 2121Vdc Input-FG:1500Vac or 2121Vdc Output-FG: 500Vac or 707Vdc Leakage Current≤5mA MAX
Output signal	power factor	NC

ENVIRONMENT REQUIREMENTS:

Environment	 Derating curve Output Power (%) Ambient Temp
Cooling Mode	Natural cooling
Working Humidity	20~90% non-condensing
Storage Temp. and Humidity	-30~85°C, 10~95%RH
Vibration	10~500Hz, 5G 10min./cycle, 60min. each along X, Y, Z axis

三、Mach. Outline Drawing Unit : mm

Note: The PSU should mounting directly on the metal case to get the good cooling, 80% load is recommended without case cooling.

MECHANICAL REQUIREMENT:

- Product size: 315×53×22mm,
Net weight: 320g

