



GDS-PS40024-20 POWER SUPPLY

DESCRIPTION: THIS SPECIFICATION IS ADAPTED TO THE GDS-PS40024-20 MODELS OF SWITCHING POWER SUPPLY.

PRODUCT CHARACTERISTICS:

- The • -30°C ultra-cryo temperature was initiated
- A 100% Full-load aging test
- Red LED lamp-Power supply working
- Status indication
- Compliance with the ROHS standards
- The built-in DC fan forces air cooling

FEATURES:

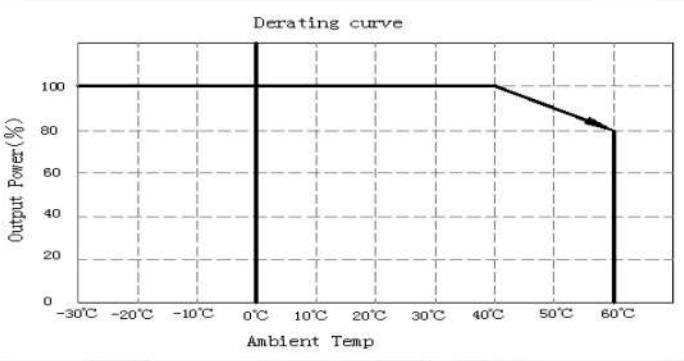
Item	Function	Detailed parameters
Import characteristic	input voltage range	180~240Vac
	Power frequency range	47~63Hz
	Maximum input current	4.5A MAX
	power factor	≥0.5
	full load efficiency	≥82%
	Input shock current (cold start)	Less than 80A, cold start
	leakage current	<3.5mA/240Vac

GRAPHIC DISPLAY SYSTEMS

COMPLETE SOLUTION FOR SIGN & PRINT INDUSTRY

Output characteristic	output voltage	12.0V
	Output voltage error	±5%
	range	23V~24.2V
	output	
	maximum output	0~12A
	input voltage range	240W Constant power mode
	Tattoo and noise	120mVp-p MAX
	Power supply adjustment rate	±1%
	load regulation	±5%
	Boot delay time	≤ 5S/230Vac @ full load
	Output climb time	0.1~100mS/230Vac @ full load
	Output hold time	≥10mS/230Vac @ 80% of full load
Protect characteristic	Output of over-power protection	The output is in over-power protection mode with a constant power of 230-250W.
	Output short circuit protection	Protection mode: burcup mode, automatically restored after short circuit conditions removed
high-handed test	high-voltage insulation test	Input-Output: 1500Vac or 2121Vdc Input-FG: 1500Vac or 2121Vdc Output-FG: 500Vac or 707Vdc Leakage Current ≤ 5mA MAX
output signal	Output indication	NC

ENVIRONMENT REQUIREMENTS:

Environment	 Derating curve Output Power (%) Ambient Temp
Cooling Mode	FAN 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.

