



GDS-PS15024-20 POWER SUPPLY

DESCRIPTION: THIS SPECIFICATION IS ADAPTED TO THE GDS-PS15024-20 MODELS OF SWITCHING POWER SUPPLY.

PRODUCT CHARACTERISTICS:

- THE-30°C ULTRA-CRYO TEMPERATURE WAS INITIATED
- A 100% FULL-LOAD AGING TEST
- COMPLIANCE WITH THE ROHS STANDARDS
- NATURAL COOLING

FEATURES:

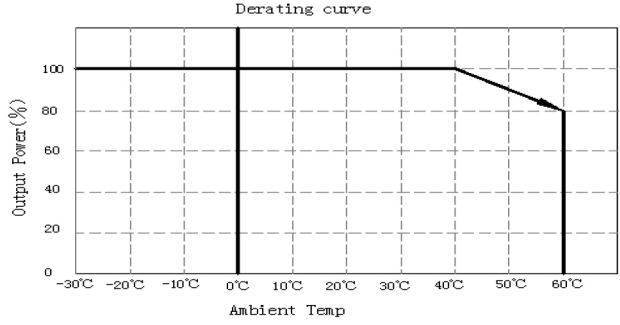
Item	Function	Detailed parameters
Import characteristic	input voltage range	180~240Vac
	Power frequency range	47~63Hz
	Maximum input current	1.0A MAX
	power factor	≥0.55
	full load efficiency	≥83%
	Input shock current (cold start)	Less than 60A, cold start
	leakage current	< 3.5mA/240Vac

GRAPHIC DISPLAY SYSTEMS

COMPLETE SOLUTION FOR SIGN & PRINT INDUSTRY

Output characteristic	output voltage	24.0V
	Output voltage error range	±3%
		23V~24.7V
	output	0~6.25A MAX
	maximum output	150W MAX
	Tattoo and noise	300mVp-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 short circuit protection	Protection mode: burcup mode, automatically restored after short circuit conditions removed
	Output over-current protection	120%~150% Protection mode of rated output power: burcup mode, automatically restored after abnormal load conditions are 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
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: 269×53×52.8mm,
Net weight: 340g

