



Brief Information

200W

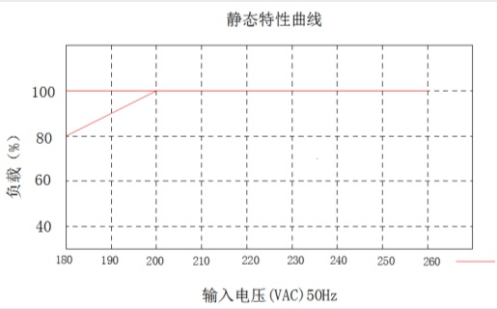
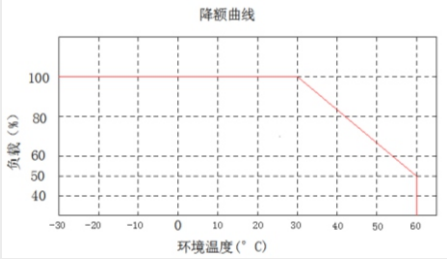
Waterproof power supply
Constant voltage design
Model GDS-PS20024-67
Input 200Vac~240Vac
Output 24VDC@8.3A

Features

Item	Function	Detailed parameters
Import characteristic	input voltage range	200~ 240Vac
	Power frequency range	47~ 63Hz
	Maximum input current	2.5A MAX
	power factor	≥0.45
	full load efficiency	≥85% 230VAC
	Input shock current (cold start)	Less than 90A, cold start
	leakage current	< 3.5mA/240Vac
Output characteristic	output voltage	24V
	Output voltage error range	±4%
	output	23V~ 25V
	maximumoutput	8.3A (MAX)
	Tattoo and noise	200W
	Power supply adjustment rate	360mVp-p MAX
	load regulation	±1%
	Boot delay time	±2%
	Output climb time	≤ 3S/230Vac @ full load
	Output hold time	0.1~ 100mS/230Vac @ full load
	function	≥10mS/230Vac @ 80% of full load

Protect characteristic	Overload Protection	The output is in over-power protection mode, and the voltage is greater than 9A when the output current drops by 0
	Short Circuit Protection	Protection mode: burcup mode, automatically restored after short circuit conditions removed
	Over temperature protection	Too high temperature, reduce the output voltage.
high-handled	Output indication	Input-Output:1500Vac or 2121Vdc Input-FG:1500Vac or 2121Vdc Output-FG: 500Vac or 707Vdc Leakage Current≤ 5mA MAX
test	high-voltage insulation test	NC
output	1:If not specifically specified, so the specification parameters are tested in the input of 230VAC, rated load, 25 degree environment. 2. Wave and noise test method: the output terminal shall be connected in parallel with 0.1uF and 47uF capacitance and tested at 20MHZ width	

Environment Requirements

			
Cooling Mode		Natural Cooling	
Working Humidity		20 90% non-condensing	
Storage Temp. and Humidity		-30 85 ,10 95%RH	
Vibration		10 500Hz,5G 10min./cycle,60min.each along X,Y,Z axis	

Mach. Outline Drawing

Unit : mm

Note : 1. This is top view, the sc rew should be M3, the length fixed into PSU must less than 3.5mm, or it should cause the PSU damage even cause the danger.

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

