



Brief Information

400W

Waterproof Power Supply
Constant voltage design
Model GDS-PS40024-67
Input 200~240Vac
Output 23V~25V

PRODUCT CHARACTERISTICS

- Single-voltage AC input
- Small in volume, 253 * 62.5 * 30mm
- Protection type: short-circuit, overload, overpower
- Natural air cooling
- High efficiency, high efficiency of up to 87%
- Waterproof design of glue

FEATURES

PROJECT	FUNCTION	DETAILED PARAMETERS
IMPORT CHARACTERISTIC	input voltage range	200~240Vac
	Power frequency range	47~63Hz
	Maximum input current	4.0A 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	±4%

GRAPHIC DISPLAY SYSTEMS

COMPLETE SOLUTION FOR SIGN & PRINT INDUSTRY

	range output	23V~25V
	maximum output	16.7A (MAX)
	Tattoo and noise	400W
	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
	input voltage range	≥10mS/230Vac @ 80% of full load
PROTECT CHARACTERISTIC	Overload Protection	Too high temperature, reduce the output voltage.
	Short Circuit Protection	Protection mode: burcup mode, automatically restored after short circuit conditions removed
	Over temperature protection	The output is in the over-power protection mode. When the output current is greater than 17A, the voltage drops by 0
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
REMARK	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°C, 10~95%RH
Vibration	10 ~ 500Hz, 5G 10min./cycle, 60min. each along X, Y, Z axis

Mach. Outline Drawing Uint: mm

Note: 1. This is top view, the screw 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.

