



### GDS-PS60012-20 600W POWER SUPPLY

DESCRIPTION: THIS SPECIFICATION IS ADAPTED TO THE GDS-PS60012-20 MODELS OF SWITCHING POWER SUPPLY.

#### PRODUCT FEATURES:

- -30°Ultra-low temperature startup
- Full-load aging test 100%
- RoHs standard
- Built-in fan to force air cooling rapidly

#### SPECIFICATION:

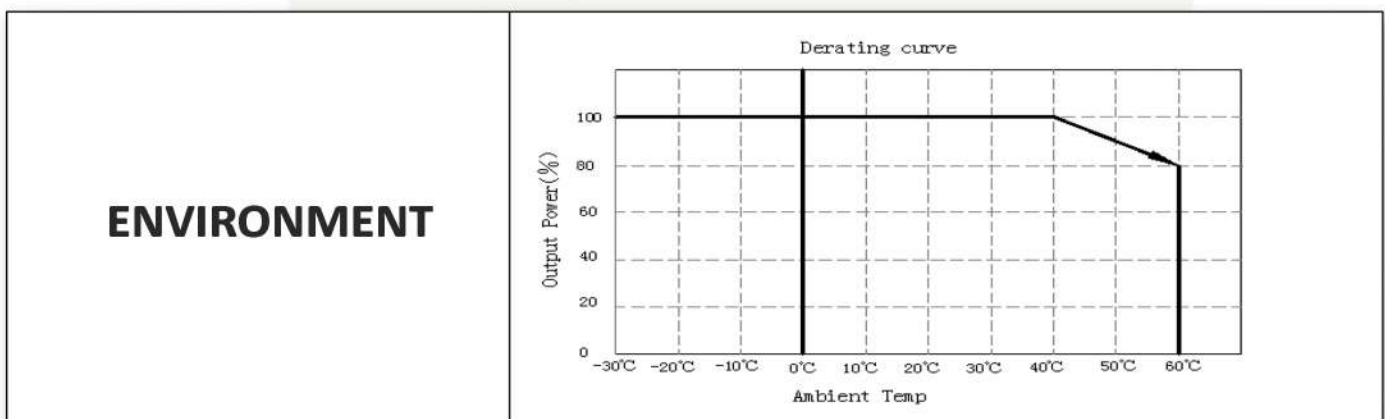
ITEM	FUNCTION	DETAILED PARAMETERS
INPUT	input voltage range	180~240Vac
	Power frequency range	47~63Hz
	Maximum input current	5A MAX
	power factor	≥0.6
	full load efficiency	≥82%
	Input shock current (cold start)	Less than 80A, cold start
	leakage current	<3.5mA/240Vac

# GRAPHIC DISPLAY SYSTEMS

## COMPLETE SOLUTION FOR SIGN & PRINT INDUSTRY

<b>OUTPUT</b>	output voltage	12.0V
	Output voltage error range	±5%
		11.4V~12.2V
	output(current)	0~50A
	maximum(power)output	600W
	Tattoo and noise	120mVp-p MAX
	Power supply adjustment rate	±1%
	load regulation	±5%
	Boot delay time	≤ 5S/230Vac @ full load
	Output climbing time	0.1~100mS/230Vac @ full load
The output holds the time	≥10mS/230Vac @ 80% of full load	
<b>PROTECTION</b>	Output protection	The output is in the overpower protection mode, with a constant power of 580-600W
<b>HIGH VOLTAGE TEST</b>	high-voltage insulation test	Input-Output:1000Vac or 1414Vdc Input to output test Input-FG:1000Vac or 1414Vdc Input to ground test Output-FG: 500Vac or 707Vdc Output to ground test Leakage Current≤5mA MAX Leakage current
<b>OUTPUT SIGNAL</b>	Output instructions	LED power supply indicators

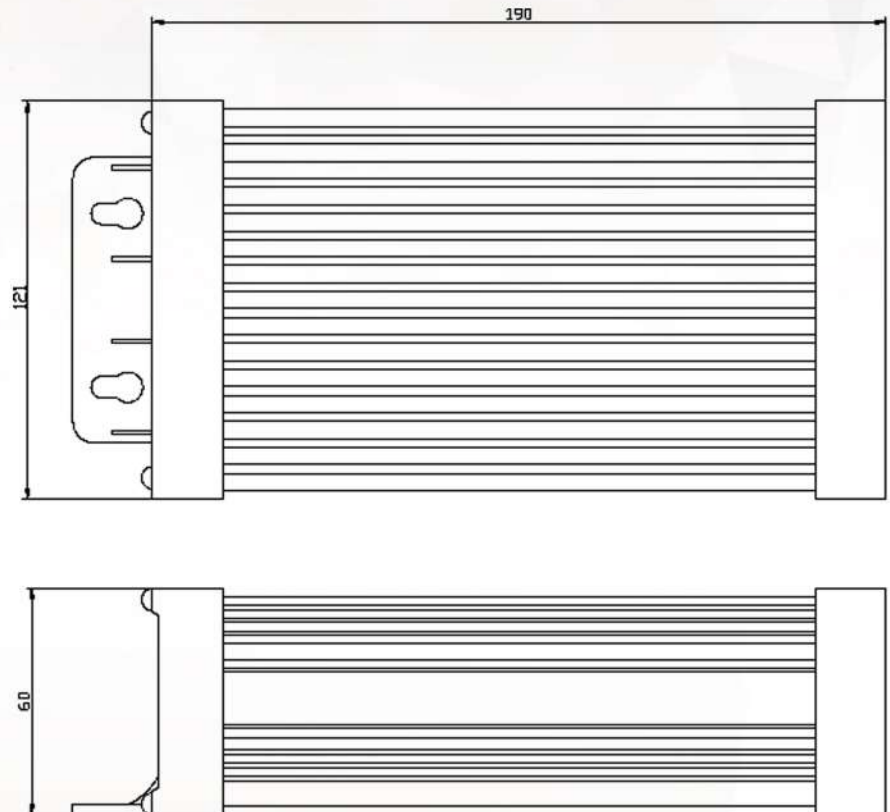
### ENVIRONMENTAL REQUIREMET:



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

### Mach. Outline Drawing Unit: mm

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



### PRODUCT DIMENSION:

- 190x121x60mm