Guangzhou Kaihui Electronics Co.,Ltd

K19H-UP1000S 1000W Single Output AC/DC Switching Power Supply

Features:

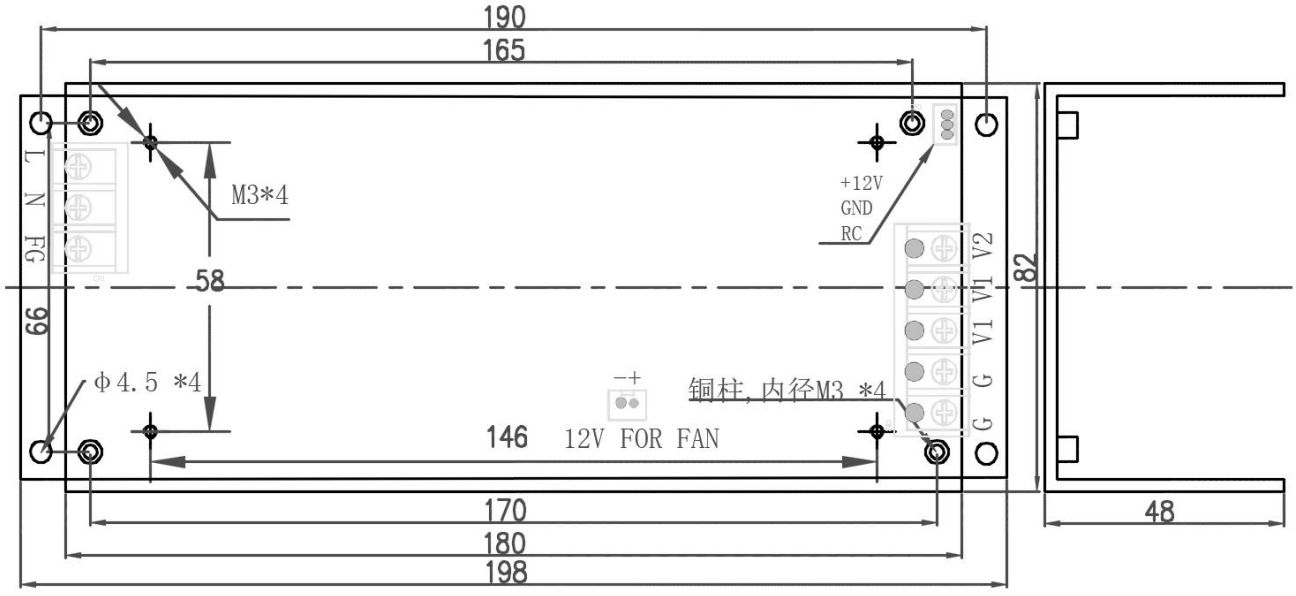
- High efficiency, low temperature rise;
- Built-in filter, low output noise;
- full range of AC input voltage;
- Short circuit, overload, over voltage, over-temperature protection.

Specification

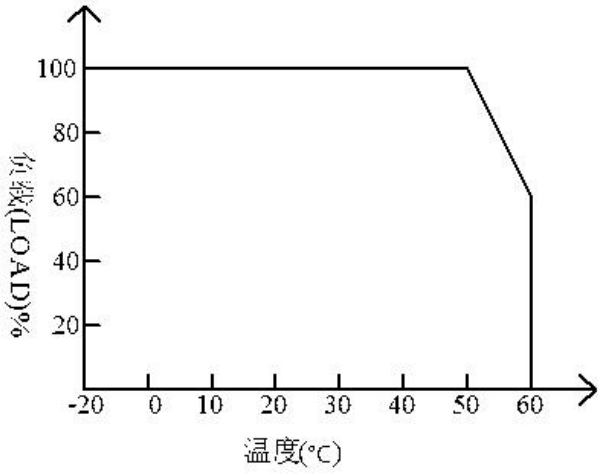
Specification \ Model No.		K19H-UP1000S48
Output	Output Voltage	+48V
	Rated Current	21A
	Current Range	0-21A
	Rated power	1008W
	Ripple	480mVp-p
	Adjustable output range	±5%
	Output Accuracy	±2%
	Line Regulation	±0.5%
	Load Regulation	±1%
	Set up,Rise,Keep up time	1000ms, 30ms, 10ms/115VAC 500ms, 30ms, 20ms/230VAC
Input	Input Voltage range	88~264V AC
	Input current	12A/115V 6A/230V
	Input frequency	47~63Hz
	Efficiency	93%
	Inrush current	40A@230V
	Leakage Current	<3.5mA@240V
	Power Factor	>0.9@220V,>0.95@110V
Protection	Over load	105~150% protection,automatic recovery.
	Short circuit	Automatic recovery
	Output over-voltage	56-60V
	Over temperature	The cover temperature>105℃,the output shut up,later automatic recovery.
Others		With additional 12V0.5A for cooling.
Environment	Working Temp.,Humidity	-20~+60℃，10~90% RH,no consideration.
	Storage Temp.,Humidity	-40~85℃，10~95% RH
	Temp.,Drift	±0.03%/℃(0~50℃)
	Vibration	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES
Safety&EMC Standards	Safety standards	GB4943
	Withstand voltage	I/P-O/P，I/P-FG：1.5KV；O/P-FG:0.5KV DC 1min.
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms
	EMC standards	EN55022 CLASS A,EN61000-3-2
Others	Dimension	180*82*48mm doesn't including the terminals length.
	Weight	1.5Kg

Note	1. All parameters are measured at 230 VAC input, rated load, ambient temperature 25 ° C, humidity 70% 2. Accuracy: including setting error, line regulation, load regulation rate; 3. Ripple test: 30cm long wire with the power and load, load and 0.1u and 47u capacitance to 20MHz oscilloscope measured at the load side; 4. Line regulation: the rated load conditions, the input voltage changes from low to high measured; 5. Load regulation: Measured output is measured from 0 load to 100% load change.

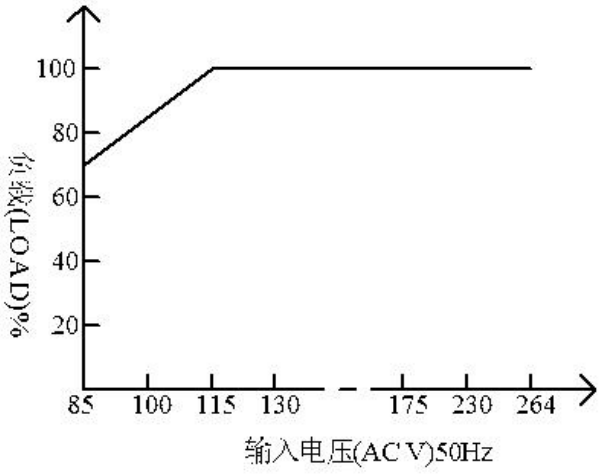
Dimension：unit：mm



Load-curve:



Temperature---Load curve



Input Voltage---Load curve