

HTS-600-12 (12V, 50A, 600W, Parallel)

Product Summary:

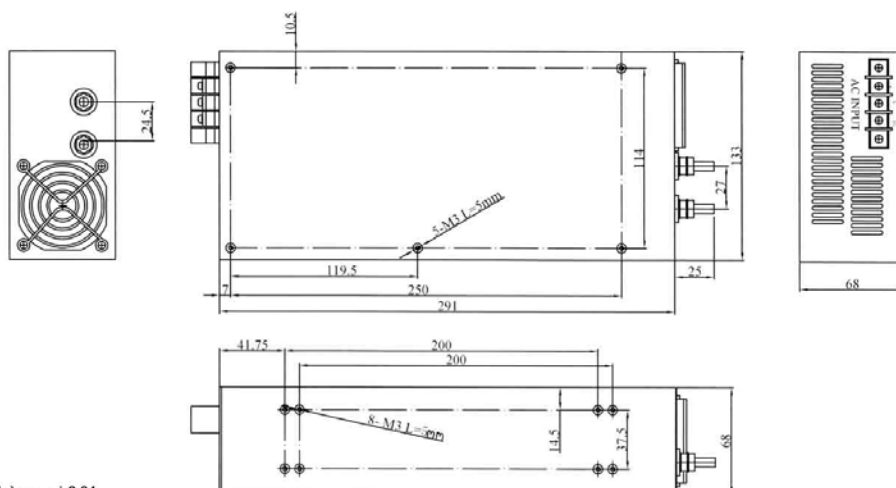
- AC Input Range Selectable By Switch
- Low Power Consumption
- Built-in EMI Filter
- Forced air cooling by Built-in DC fan
- Built-in Remote Sense Function
- Built-in Remote ON/OFF Control
- Built-in Parallel Operation Function
- Can Adjusts From 20% to 100% Output Voltage by External Control 1V to 5VDC
- Protections: Over Load/ Over Voltage/ Over Temp/ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 1 Year Warranty



Technical Parameters:

Input Voltage Range	90~130VAC/180-260VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 60A/230VAC
Output Adjustment Range	±5% Rated Output Voltage By Potential Meter 20% to 100% By External Control 1V to 5 VDC
Line Regulation	≤0.5%
Output Over Load Protection	110%~135% Constant Current Limiting, Delay Shutdown
Output Over Voltage Protection	110%~135% Rated Output Voltage
Output Short Circuit Protection	Delay Shutdown
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	-10°C to +50°C@100%, -20°C@80%, +65°C@50% Load
Storage Temperature Range	-40°C to +85°C, 0% to 95%RH (Non-Condensing)
Safety Standards	Design refer to UL60950-1, EN60950-1
Cooling Method	Forced air cooling by built-in DC fan
Weight	2.5Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-600-5	5V, 0~100A	1%	100mV	78%
HTS-600-12	12V, 0~50A	0.5%	120mV	81%
HTS-600-15	15V, 0~40A	0.5%	150mV	82%
HTS-600-24	24V, 0~25A	0.5%	200mV	86%
HTS-600-48	48V, 0~32A	0.5%	400mV	88%



notes:

1. All dimensions in mm.

2. Tolerance (except cable length): xx = ±0.04

xxx = ±0.010