

# AC-DC Power Supplies

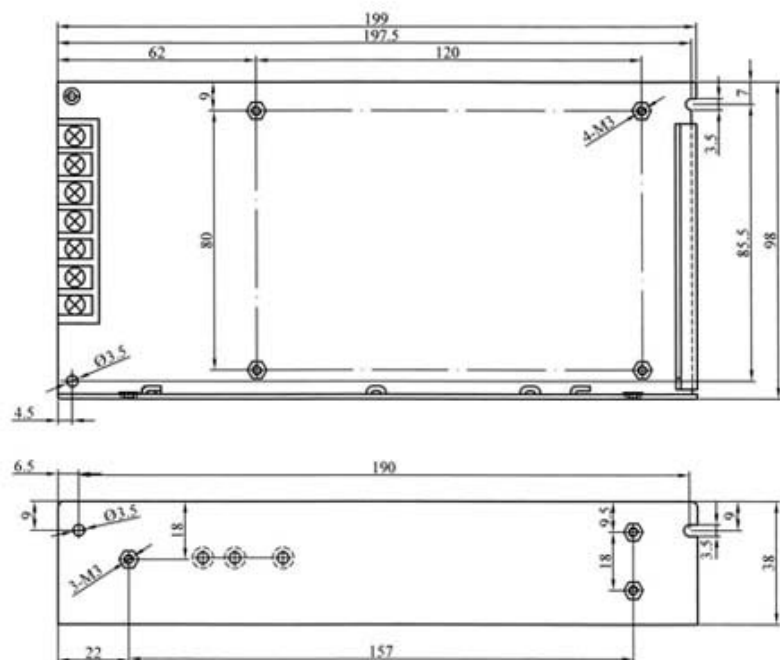
## 100W Single Output Switching Power Supply

- AC Input Range Selectable By Switch
- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- Protections: Over Load/ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 1 Years Warranty



Input Voltage Range	85~132VAC/ 180~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 25A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	±10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Shut Off, AC Recycle To Re-Start
Output Short Circuit Protection	Shut Off, AC Recycle To Re-Start
Rise, Hold Up Time	80mS, 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	0℃ to +50℃@100%, -10℃@80%, +60℃@60% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	Design Refer To UL1012
EMC standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	0.62Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-100-3.3	3.3V, 0~20A	1%	75mV	71%
HTS-100-5	5V, 0~20A	1%	75mV	79%
HTS-100-7.5	7.5V, 0~13.6A	1%	75mV	81%
HTS-100-9	9V, 0~11A	1%	90mV	81%
HTS-100-12	12V, 0~8.5A	0.5%	100mV	82%
HTS-100-13.5	13.5V, 0~7.4A	0.5%	100mV	82%
HTS-100-15	15V, 0~6.7A	0.5%	100mV	82%
HTS-100-24	24V, 0~4.5A	0.5%	100mV	85%
HTS-100-27	27V, 0~3.7A	0.5%	100mV	85%
HTS-100-48	48V, 0~2A	0.5%	100mV	85%



### notes:

1. All dimensions in mm.
2. Tolerance (except cable length): xx = ±0.04  
xxx = ±0.010

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