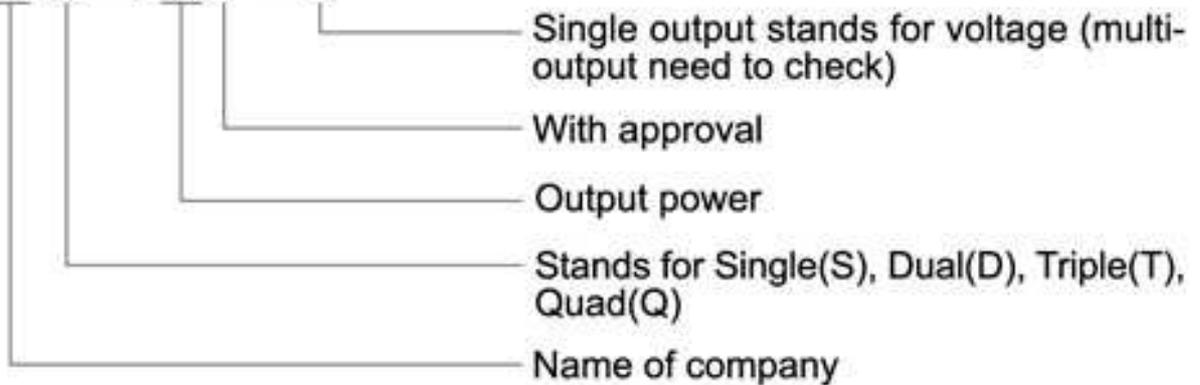


Nomenclatura para pedidos:

Model Configuration

AC-DC Single output

HTS - 25F - 5



DC-DC Single output

HT - 25 - 12 - 5



Open frame power supply

OFS - 25 - 5



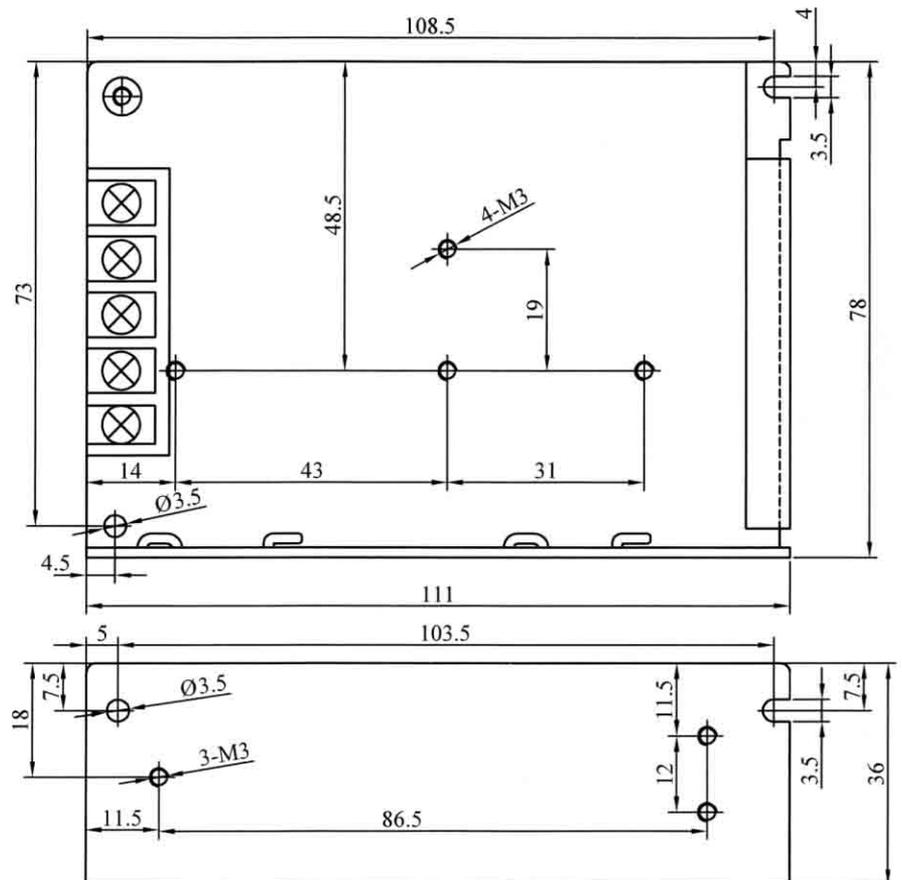
25W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Protections: Over Load/ Over Voltage/ Short Circuit
- 1 Years Warranty



DC Adjustment Range	5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V
Line Regulation	≤0.5%
Output Over Load Protection	105%-150% Fold Back Current Limiting, Auto-Recovery
Output Over Voltage Protection	115%~165% Rated Output Voltage
Output Short Circuit Protection	Fold Back Current Limiting, Auto-Recovery
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100MΩ (min.) at 500VDC
Operating Temperature Range	0 to 50°C@100%, -10%@80%, 60°C@60% load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	0.38Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-25-12-5	9.2~18V	5V, 0~5A	1%	75mV	72%
HT-25-12-12	9.2~18V	12V, 0~2.1A	0.5%	100mV	73%
HT-25-12-24	9.2~18V	24V, 0~1.1A	0.5%	120mV	76%
HT-25-24-5	18~36V	5V, 0~5A	1%	75mV	73%
HT-25-24-12	18~36V	12V, 0~2.1A	0.5%	100mV	76%
HT-25-24-24	18~36V	24V, 0~1.1A	0.5%	120mV	79%
HT-25-48-5	36~72V	5V, 0~5A	1%	75mV	75%
HT-25-48-12	36~72V	12V, 0~2.1A	0.5%	100mV	79%
HT-25-48-24	36~72V	24V, 0~1.1A	0.5%	120mV	82%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

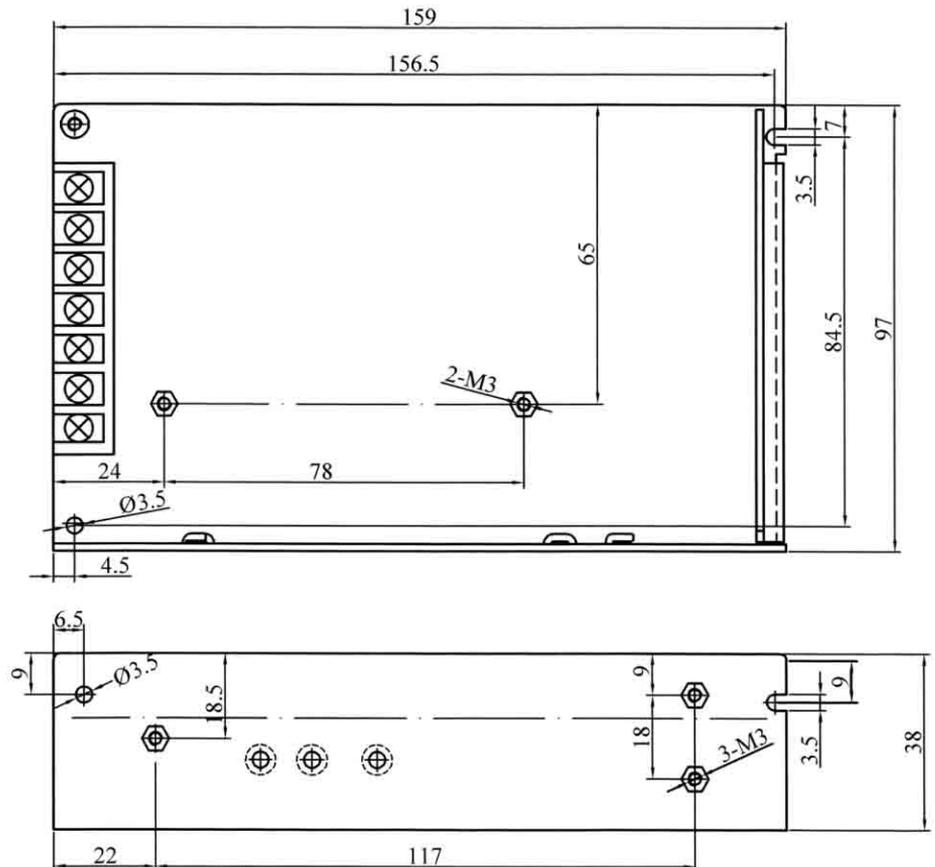
50W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Protections: Over Load/ Over Voltage/ Short Circuit
- 1 Years Warranty



DC Adjustment Range	5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Fold Back Current Limiting, Auto-Recovery
Output Over Voltage Protection	115%~165% Rated Output Voltage
Output Short Circuit Protection	Fold Back Current Limiting, Auto-Recovery
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100MΩ (min.) at 500VDC
Operating Temperature Range	0 to 50°C**100%, -10%@80%, 60°C@60% load
Storage Temperature Range	-40°C* to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	0.48Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-50-12-5	9.2~18V	5V, 0~10A	1%	75mV	71%
HT-50-12-12	9.2~18V	12V, 0~4.2A	0.5%	100mV	73%
HT-50-12-24	9.2~18V	24V, 0~2.1A	0.5%	120mV	75%
HT-50-24-5	18~36V	5V, 0~10A	1%	75mV	74%
HT-50-24-12	18~36V	12V, 0~4.2A	0.5%	100mV	76%
HT-50-24-24	18~36V	24V, 0~2.1A	0.5%	120mV	81%
HT-50-48-5	36~72V	5V, 0~10A	1%	75mV	77%
HT-50-48-12	36~72V	12V, 0~4.2A	0.5%	100mV	79%
HT-50-48-24	36~72V	24V, 0~2.1A	0.5%	120mV	84%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

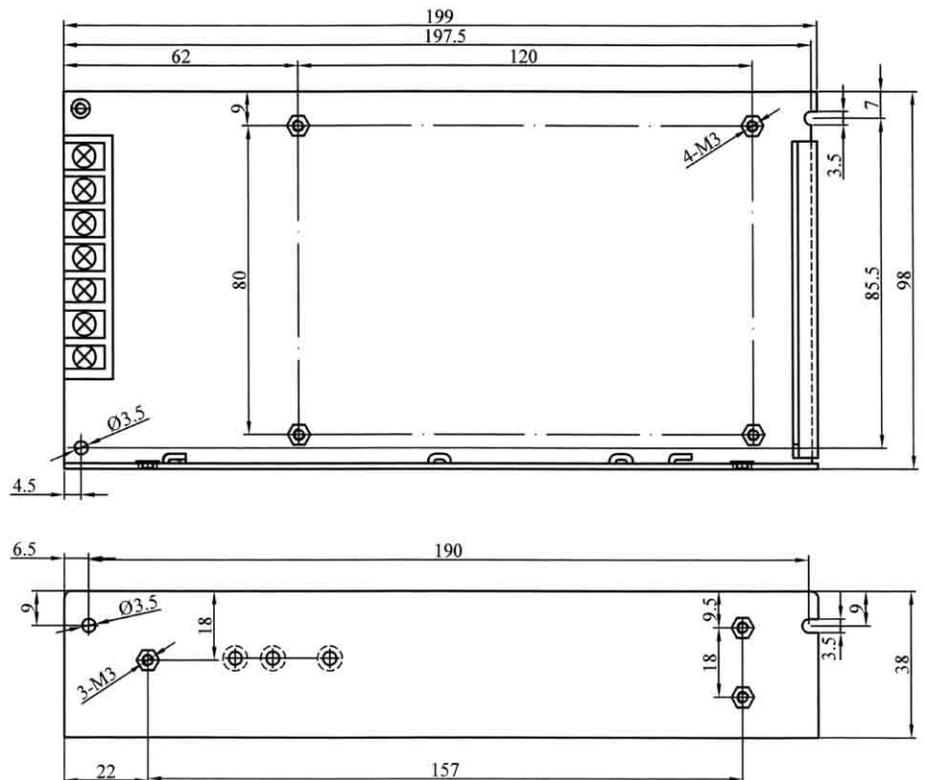
100W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Protections: Over Load/ Over Voltage/ Short Circuit
- 1 Years Warranty



DC Adjustment Range	5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V
Line Regulation	≤0.5%
Output Over Load Protection	105%-135% Fold Back Current Limiting, Auto-Recovery
Output Over Voltage Protection	115%~165% Rated Output Voltage
Output Short Circuit Protection	Fold Back Current Limiting, Auto-Recovery
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100MΩ (min.) at 500VDC
Operating Temperature Range	0 to 50°C@100%, -10%@80%, 60°C@60% load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	0.65Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-100-24-5	18~36V	5V, 0~20A	1%	75mV	75%
HT-100-24-12	18~36V	12V, 0~8.5A	0.5%	100mV	76%
HT-100-24-24	18~36V	24V, 0~4.2A	0.5%	120mV	79%
HT-100-48-5	36~72V	5V, 0~20A	1%	75mV	76%
HT-100-48-12	36~72V	12V, 0~8.5A	0.5%	100mV	78%
HT-100-48-24	36~72V	24V, 0~4.2A	0.5%	120mV	82%
HT-100-110-5	72~144V	5V, 0~20A	1%	75mV	77%
HT-100-110-12	72~144V	12V, 0~8.5A	0.5%	100mV	81%
HT-100-110-24	72~144V	24V, 0~4.2A	0.5%	120mV	84%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

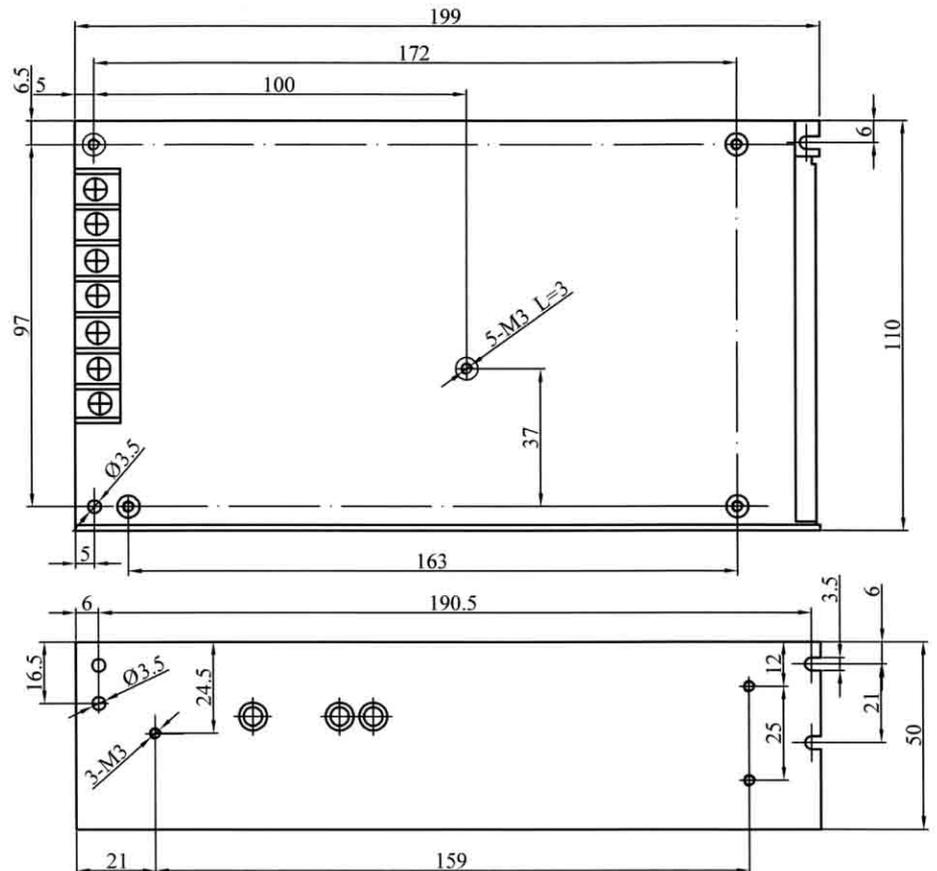
150W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Protections: Over Load/ Over Voltage/ Short Circuit
- 1 Years Warranty



DC Adjustment Range	12V: 11~16V, 24V: 23~30V
Line Regulation	≤0.5%
Output Over Load Protection	105%-135% Fold Back Current Limiting, Auto-Recovery
Output Over Voltage Protection	130%~165% Rated Output Voltage
Output Short Circuit Protection	Fold Back Current Limiting, Auto-Recovery
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100M Ω (min.) at 500VDC
Operating Temperature Range	0°C to 50°C @100%, -10% @80%, 60°C @60% load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	0.86Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-150-24-12	18~36V	12V, 0~12.5A	0.5%	100mV	76%
HT-150-24-24	18~36V	24V, 0~6.3A	0.5%	120mV	78%
HT-150-48-12	36~72V	12V, 0~12.5A	0.5%	100mV	78%
HT-150-48-24	36~72V	24V, 0~6.3A	0.5%	120mV	81%
HT-150-110-12	72~144V	12V, 0~12.5A	0.5%	100mV	80%
HT-150-110-24	72~144V	24V, 0~6.3A	0.5%	120mV	83%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

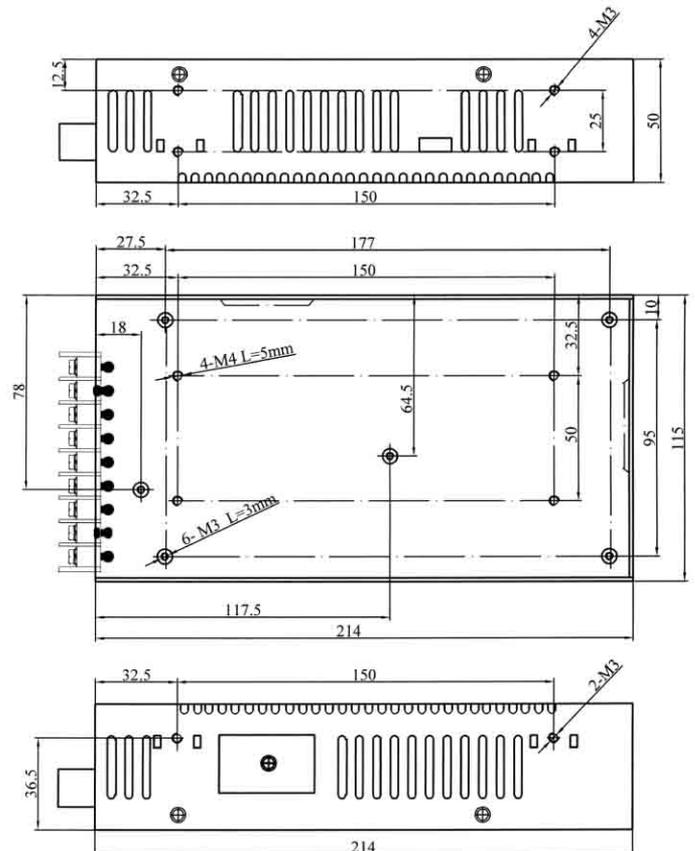
200W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Protections: Over Load/ Over Voltage/ Over Temp./ Short Circuit
- 1 Years Warranty



DC Adjustment Range	5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V, 48V: 43~53V
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Shut Off, Re-Power On To Recover
Output Over Voltage Protection	110%~167% Rated Output Voltage
Output Short Circuit Protection	Shut Off, Re-Power On To Recover
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100M Ω (min.) at 500VDC
Operating Temperature Range	-10°C to 50°C @100%, -20°C@80%, 60°C @60% load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Free Air Cooling Convection
Weight	1.1Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-200-24-5	18~36V	5V, 0~34A	1%	75mV	80%
HT-200-24-12	18~36V	12V, 0~16.7A	0.5%	100mV	83%
HT-200-24-24	18~36V	24V, 0~8.4A	0.5%	150mV	86%
HT-200-24-48	18~36V	48V, 0~4.2A	0.5%	200mV	87%
HT-200-48-5	36~72V	5V, 0~34A	1%	75mV	82%
HT-200-48-12	36~72V	12V, 0~16.7A	0.5%	100mV	85%
HT-200-48-24	36~72V	24V, 0~8.4A	0.5%	150mV	87%
HT-200-48-48	36~72V	48V, 0~4.2A	0.5%	200mV	87%
HT-200-110-5	72~144V	5V, 0~34A	1%	75mV	83%
HT-200-110-12	72~144V	12V, 0~16.7A	0.5%	100mV	83%
HT-200-110-24	72~144V	24V, 0~8.4A	0.5%	150mV	85%
HT-200-110-48	72~144V	48V, 0~4.2A	0.5%	200mV	91%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

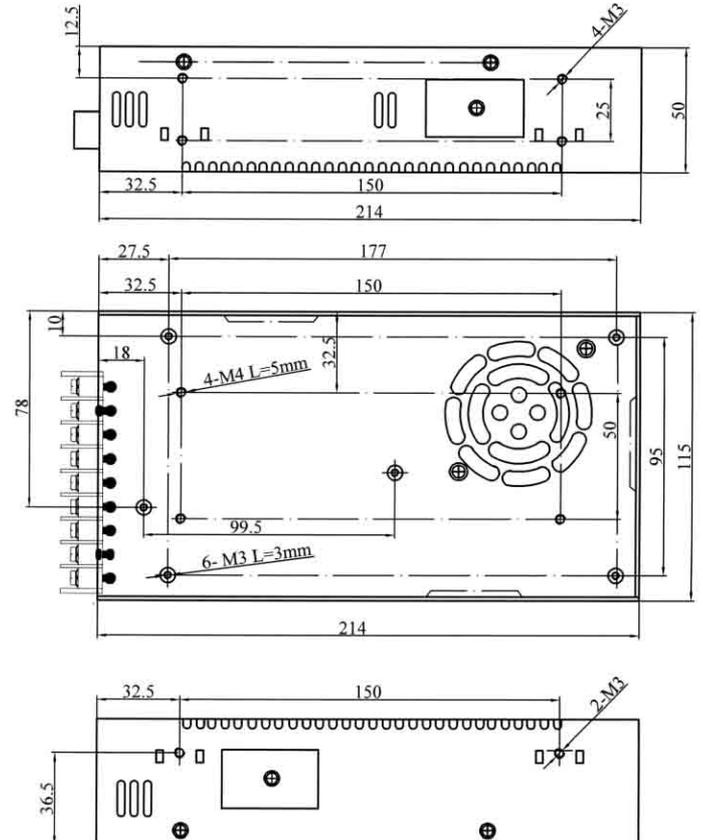
350W Single Output DC-DC Switching Power Supply

- Low Cost, High Reliability
- Low Power Consumption
- Built-In EMI Filter
- 2:1 Wide Input Range
- 1500VDC I/O Isolation
- Forced Air Cooling By Built-In DC Fan
- Protections: Over Load/ Over Voltage/ Over Temp./ Short Circuit
- 1 Years Warranty



DC Adjustment Range	5V: 4.5~5.5V, 12V: 11~16V, 24V: 23~30V, 48V: 43~53V
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Shut Off, Re-Power On To Recover
Output Over Voltage Protection	110%~167% Rated Output Voltage
Output Short Circuit Protection	Shut Off, Re-Power On To Recover
Hi-pot Isolation	I/P-O/P, I/P-FG: 1.5KVDC, O/P-FG: 0.5KVDC, 1 min
Isolation Resistance	100MΩ (min.) at 500VDC
Operating Temperature Range	-10°C to 50°C @100%, -20°C@80%, 60°C @60% load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non Condensing)
Safety Standards	Design Refer To UL60950
EMC Standards	Design Refer To FCC Part 15 J
Cooling Method	Forced Air Cooling By Built-In DC Fan
Weight	1.1Kgs/pcs

Product Model	DC Input	DC Output	Load Regul.	R&N	Efficiency
HT-350-24-5	18~36V	5V, 0~57A	1%	75mV	75%
HT-350-24-12	18~36V	12V, 0~27.5A	0.5%	100mV	81%
HT-350-24-24	18~36V	24V, 0~14.6A	0.5%	150mV	81%
HT-350-24-48	18~36V	48V, 0~7.3A	0.5%	200mV	85%
HT-350-48-5	36~72V	5V, 0~57A	1%	75mV	77%
HT-350-48-12	36~72V	12V, 0~27.5A	0.5%	100mV	82%
HT-350-48-24	36~72V	24V, 0~14.6A	0.5%	150mV	82%
HT-350-48-48	36~72V	48V, 0~7.3A	0.5%	200mV	83%
HT-350-110-5	72~144V	5V, 0~57A	1%	75mV	79%
HT-350-110-12	72~144V	12V, 0~27.5A	0.5%	100mV	84%
HT-350-110-24	72~144V	24V, 0~14.6A	0.5%	150mV	88%
HT-350-110-48	72~144V	48V, 0~7.3A	0.5%	200mV	90%



notes:

1. All dimensions in mm.

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

xxx = ±0.010