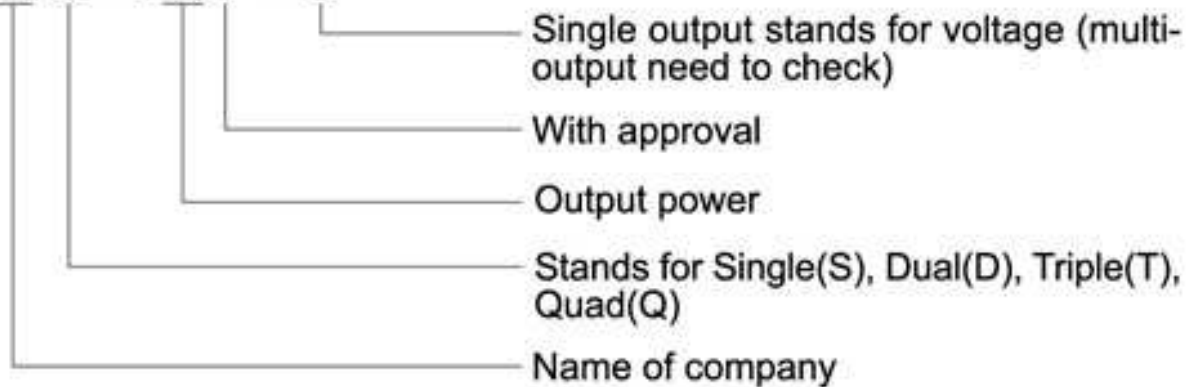


Nomenclatura para pedidos:

Model Configuration

AC-DC Single output

HTS - 25F - 5



DC-DC Single output

HT - 25 - 12 - 5



Open frame power supply

OFS - 25 - 5



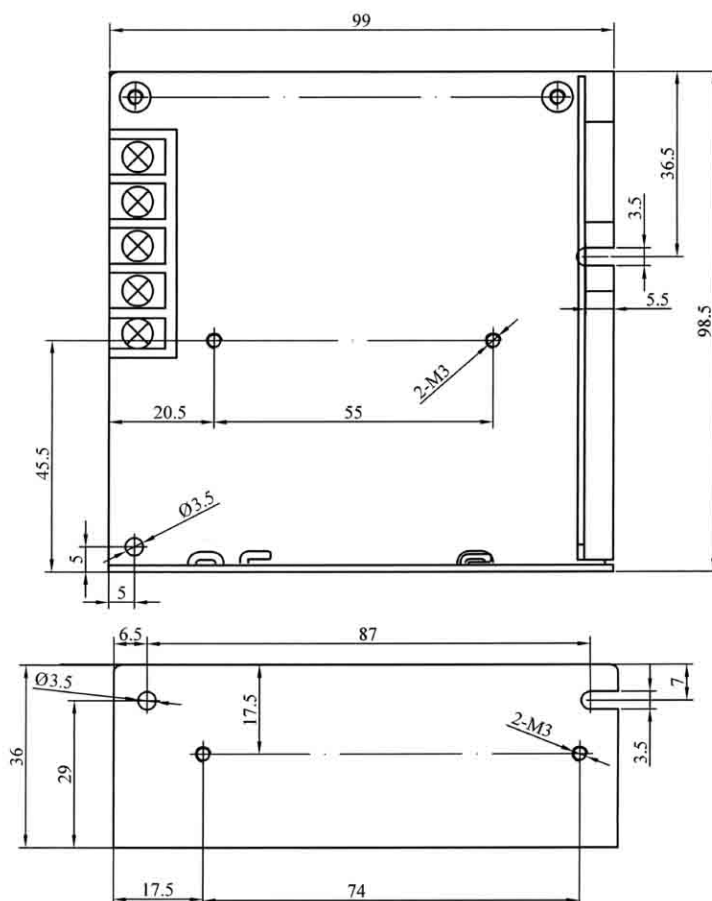
25W Single Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage/ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 15A/ 115VAC, 25A/ 230VAC
Output Adjustment Range	±10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	110%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C@100%, -10°C@80%, +60°C@60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.39Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-25F-5	5V, 0~5A	1%	50mV	73%
HTS-25F-12	12V, 0~2.1A	0.5%	100mV	77%
HTS-25F-15	15V, 0~1.7A	0.5%	100mV	78%
HTS-25F-24	24V, 0~1.1A	0.5%	100mV	81%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

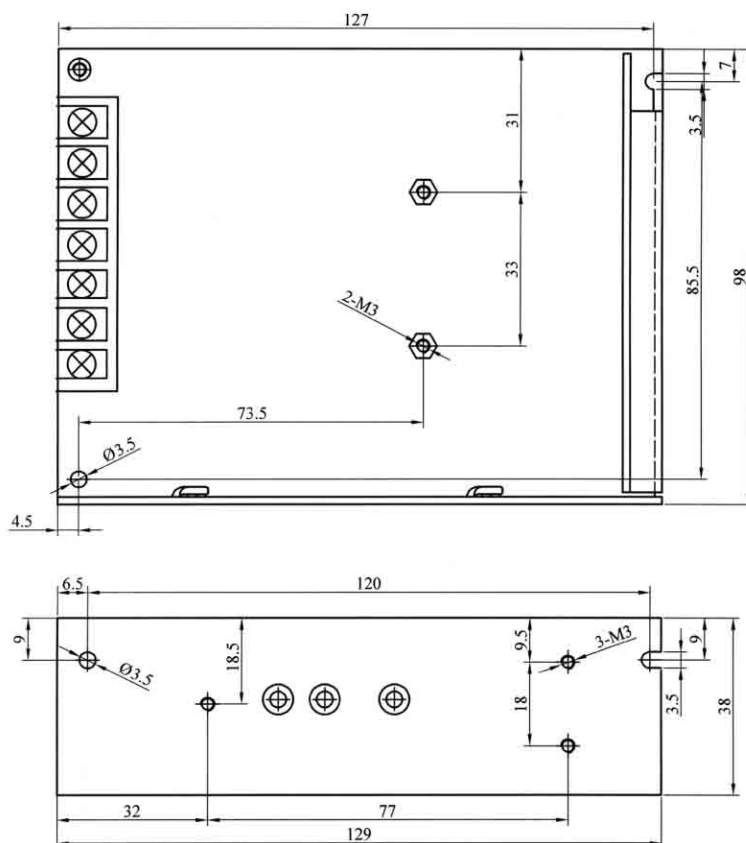
40W Single Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage/ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 15A/ 115VAC, 25A/ 230VAC
Output Adjustment Range	±10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, 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	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.44Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-40F-5	5V, 0~8A	1%	75mV	74%
HTS-40F-12	12V, 0~3.5A	0.5%	100mV	78%
HTS-40F-15	15V, 0~2.8A	0.5%	100mV	79%
HTS-40F-24	24V, 0~1.8A	0.5%	100mV	81%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

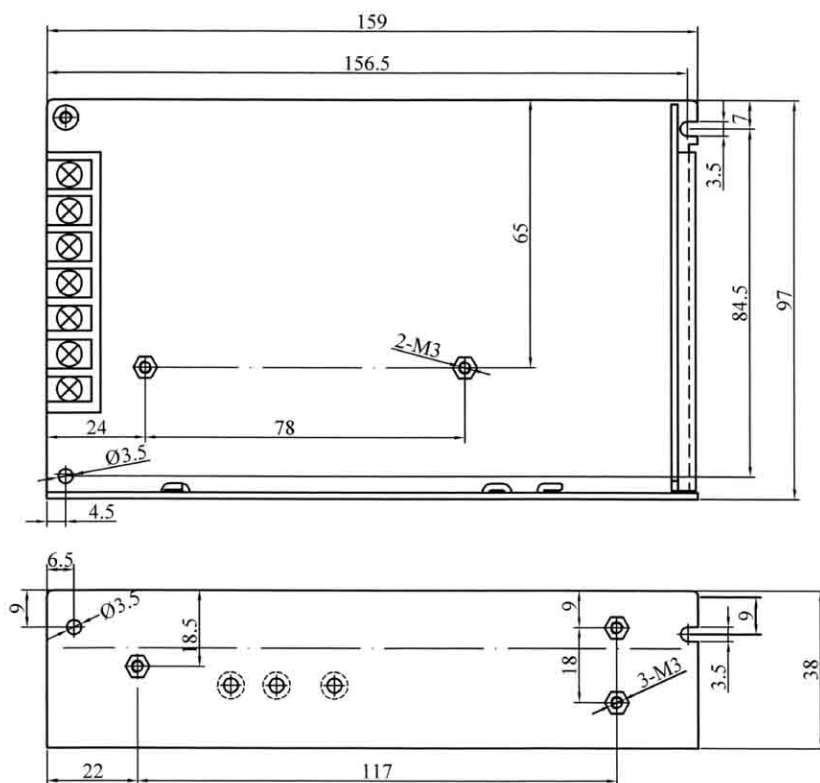
60W Single Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL/ CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
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% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0℃ to +45℃@100%, -10℃@80%, +60℃@60% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11, ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.51Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-60F-5	5V, 0~12A	1%	100mV	73%
HTS-60F-12	12V, 0~5A	1%	120mV	77%
HTS-60F-15	15V, 0~4A	0.5%	150mV	78%
HTS-60F-24	24V, 0~2.5A	0.5%	150mV	81%



notes:

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

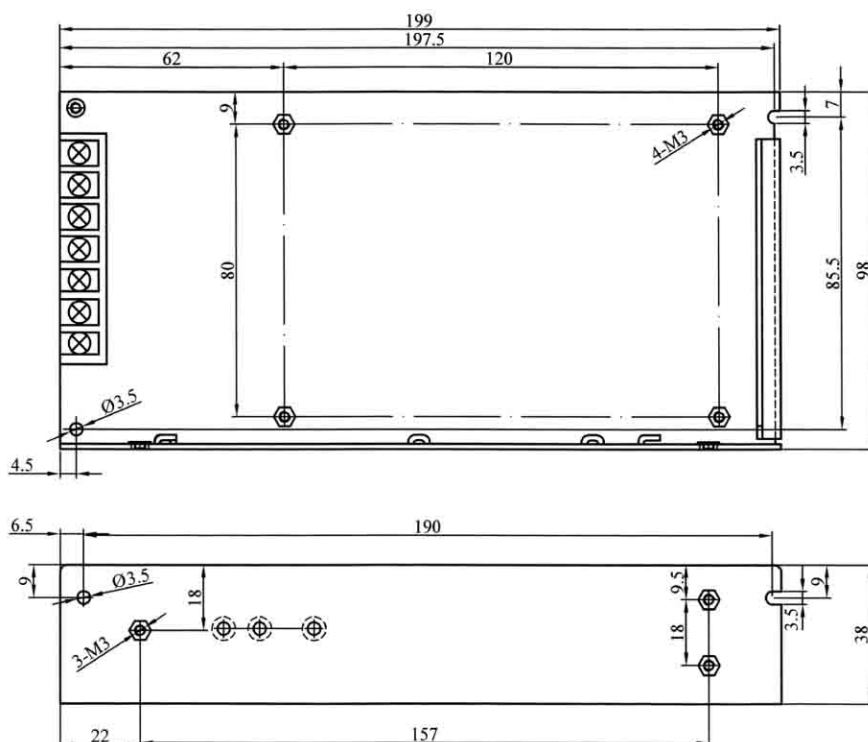
100W Single Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB/ CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC 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% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C@100%, -10°C@80%, +60°C@60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.65Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-100F-5	5V, 0~20A	1%	75mV	77%
HTS-100F-7.5	7.5V, 0~13.5A	1%	100mV	79%
HTS-100F-12	12V, 0~8.3A	0.5%	120mV	81%
HTS-100F-15	15V, 0~6.8A	0.5%	120mV	82%
HTS-100F-24	24V, 0~4.2A	0.5%	150mV	84%
HTS-100F-48	48V, 0~2.2A	0.5%	150mV	85%



notes:

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

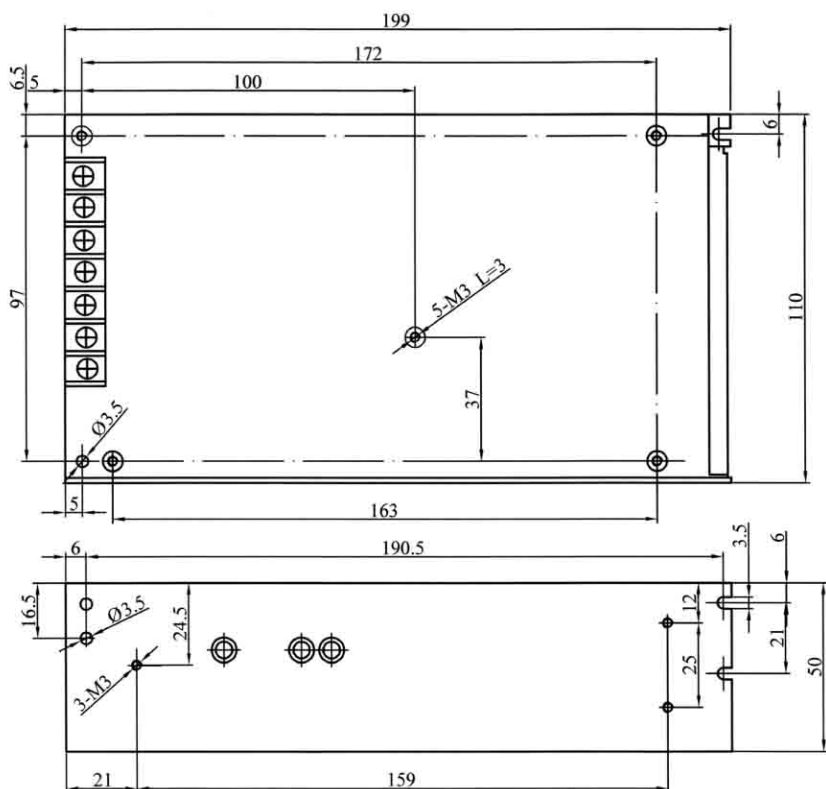
150W Single Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB/ CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 30A/ 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 Over Voltage Protection	115%~145% Rated Output Voltage
Output Short Circuit Protection	Shut Off, AC recycle To Re-Start
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, 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	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.8Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-150F-3.3	3.3V, 0~30A	1.5%	100mV	72%
HTS-150F-5	5V, 0~30A	1%	100mV	78%
HTS-150F-7.5	7.5V, 0~20A	1%	100mV	80%
HTS-150F-9	9V, 0~16.5A	1%	100mV	80%
HTS-150F-12	12V, 0~12.5A	0.5%	120mV	82%
HTS-150F-13.5	13.5V, 0~11A	0.5%	120mV	83%
HTS-150F-15	15V, 0~10A	0.5%	150mV	84%
HTS-150F-24	24V, 0~6.5A	0.5%	150mV	85%
HTS-150F-27	27V, 0~5.6A	0.5%	200mV	86%
HTS-150F-48	48V, 0~3.1A	0.5%	200mV	87%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

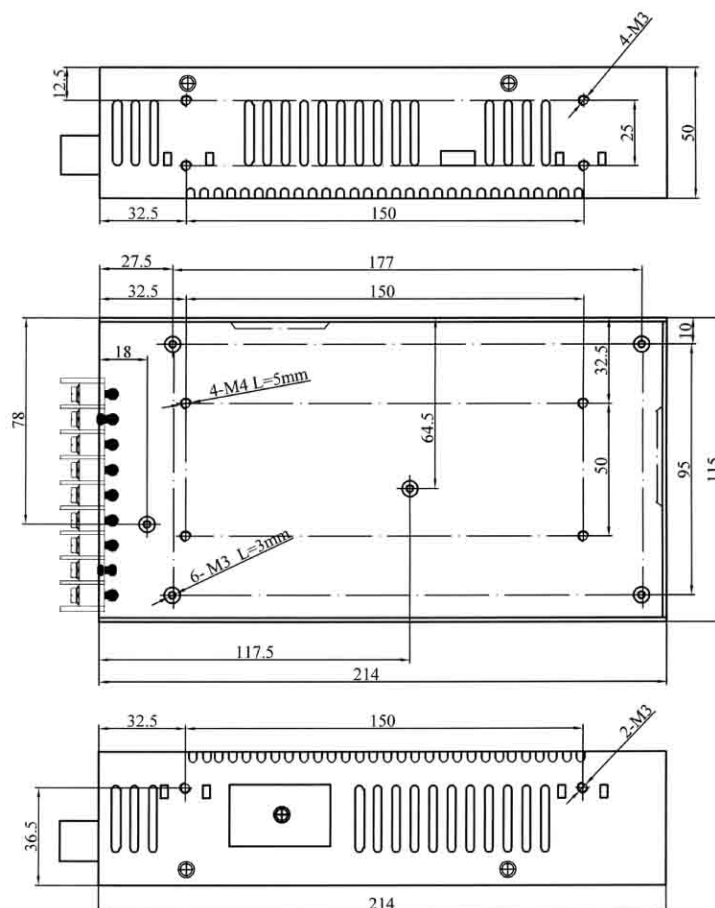
210W Single Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / CE
- Protections: Over Load / Over Voltage / Over Temp./ Short C.
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC 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% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~145% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	-10℃ to +40℃@100%, -20℃@80%, +60℃@60% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.95Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-210F-5	5V, 0~40A	1%	75mV	79%
HTS-210F-7.5	7.5V, 0~27A	1%	100mV	82%
HTS-210F-12	12V, 0~17A	0.5%	120mV	83%
HTS-210F-13.5	13.5V, 0~15A	0.5%	120mV	84%
HTS-210F-15	15V, 0~14A	0.5%	120mV	85%
HTS-210F-24	24V, 0~8.8A	0.5%	150mV	87%
HTS-210F-27	27V, 0~7.8A	0.5%	150mV	87%
HTS-210F-36	36V, 0~5.8A	0.5%	200mV	88%
HTS-210F-48	48V, 0~4.4A	0.5%	200mV	88%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

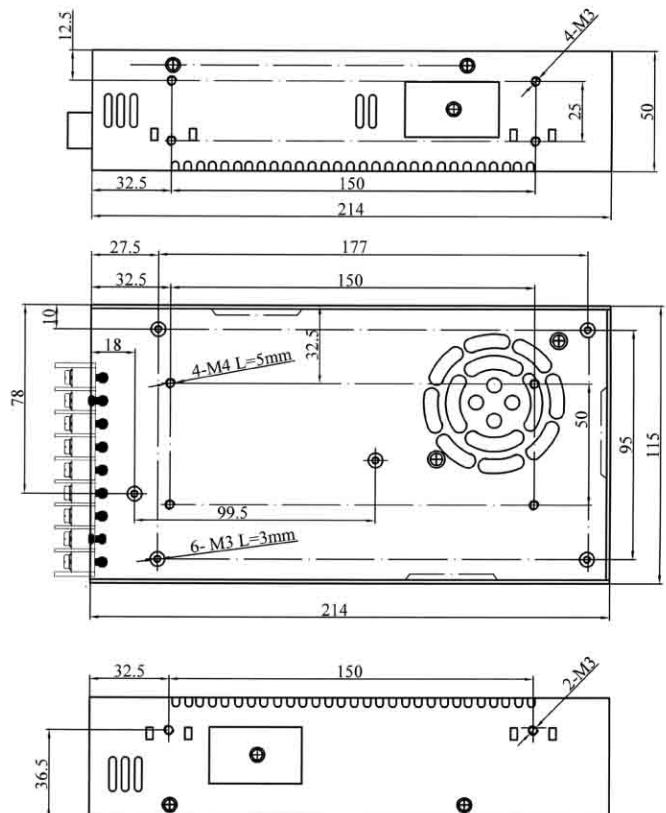
320W Single Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / CE
- Forced Air Cooling By Built-In DC Fan
- Cooling Fan ON/OFF Auto Control
- Protections: Over Load / Over Voltage / Over Temp./ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 15A/ 115VAC, 30A/ 230VAC
Output Adjustment Range	±10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~145% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +40°C@100%, -10°C@80%, +60°C@60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Forced Air Cooling By Built-In DC Fan Cooling Fan ON/OFF Auto Control
Weight	1.08Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-320F-5	5V, 0~50A	1%	100mV	78%
HTS-320F-7.5	7.5V, 0~36A	1%	100mV	81%
HTS-320F-12	12V, 0~25A	0.5%	120mV	83%
HTS-320F-13.5	13.5V, 0~22A	0.5%	120mV	84%
HTS-320F-15	15V, 0~20A	0.5%	150mV	85%
HTS-320F-24	24V, 0~12.5A	0.5%	150mV	87%
HTS-320F-27	27V, 0~11A	0.5%	150mV	87%
HTS-320F-36	36V, 0~8.3A	0.5%	200mV	88%
HTS-320F-48	48V, 0~6.5A	0.5%	200mV	88%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

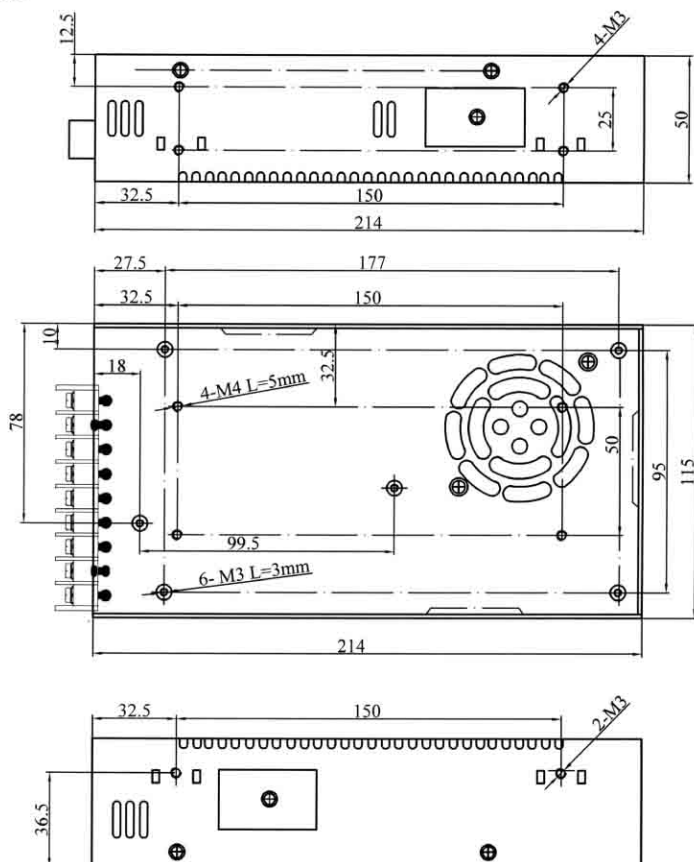
320W Single Output Certified With PFC Function

- Universal AC Input 88 to 264VAC
- PF>0.98@115VAC; PF>0.95@230VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Forced Air Cooling By Built-In DC Fan
- Cooling Fan ON/OFF Auto Control
- Protections: Over Load / Over Voltage / Over Temp./ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~264VAC; 120~370VDC
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%~135% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~145% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	-10℃ to +50℃@100%, -20℃@80%, +65℃@50% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Forced Air Cooling By Built-In DC Fan Cooling Fan ON/OFF Auto Control
Weight	1.1Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTSP-320F-3.3	3.3V, 0~55A	1.5%	100mV	74%
HTSP-320F-5	5V, 0~55A	1%	100mV	79%
HTSP-320F-7.5	7.5V, 0~40A	1%	100mV	83%
HTSP-320F-12	12V, 0~25A	0.5%	120mV	86%
HTSP-320F-13.5	13.5V, 0~22A	0.5%	120mV	86%
HTSP-320F-15	15V, 0~20A	0.5%	150mV	86%
HTSP-320F-24	24V, 0~13A	0.5%	150mV	87%
HTSP-320F-27	27V, 0~11.7A	0.5%	150mV	88%
HTSP-320F-48	48V, 0~6.7A	0.5%	200mV	89%



notes:

1. All dimensions in mm.

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

xxx = ±0.010

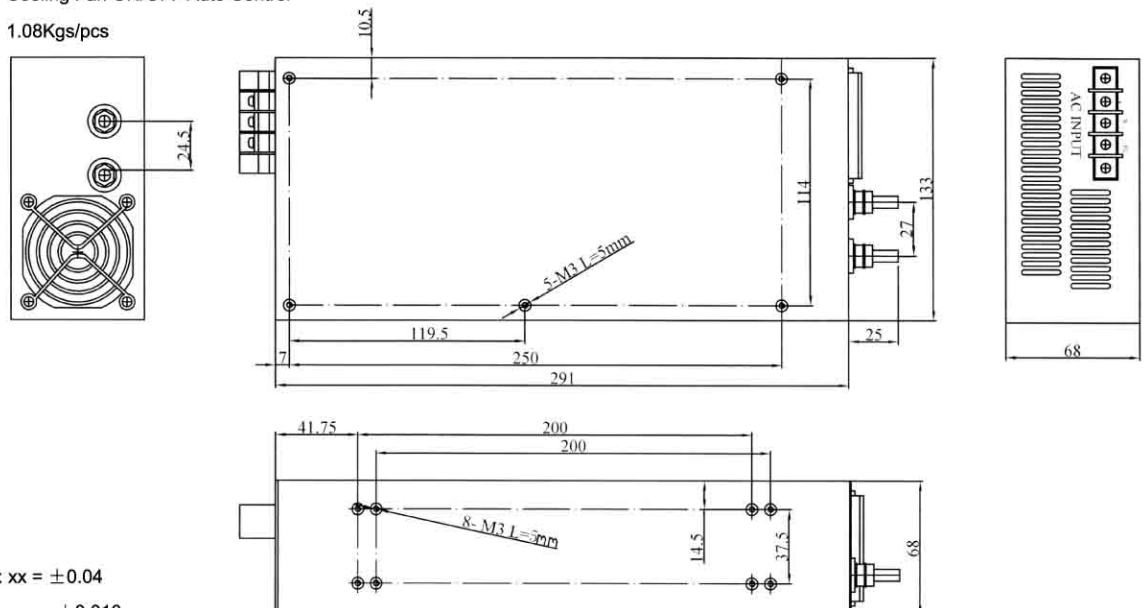
600W Parallel (N+1) Certified With PFC Function

- PF>0.98@230VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL/ CUL / TUV/ CB/ CE
- Forced Air Cooling By Built-In DC Fan
- Built-In Remote Sense Function
- Built-In Remote ON/OFF Control
- Built-In Power Good Signal Output
- Can Adjust 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
- 2 Years Warranty



Input Voltage Range	180-260VAC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 15A/ 115VAC, 30A/ 230VAC
Output Adjustment Range	±3% Rated Output Voltage By Potential Meter 20% to 100% By External Control 1V to 5VDC
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	115%~145% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0℃ to +40℃@100%, -10℃@80%, +60℃@60% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Forced Air Cooling By Built-In DC Fan Cooling Fan ON/OFF Auto Control
Weight	1.08Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTSP-600F-5	5V, 0~100A	1%	100mV	80%
HTSP-600F-12	12V, 0~50A	0.5%	120mV	84%
HTSP-600F-15	15V, 0~40A	0.5%	150mV	85%
HTSP-600F-24	24V, 0~25A	0.5%	200mV	89%
HTSP-600F-48	48V, 0~12A	0.5%	400mV	90%



notes:

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

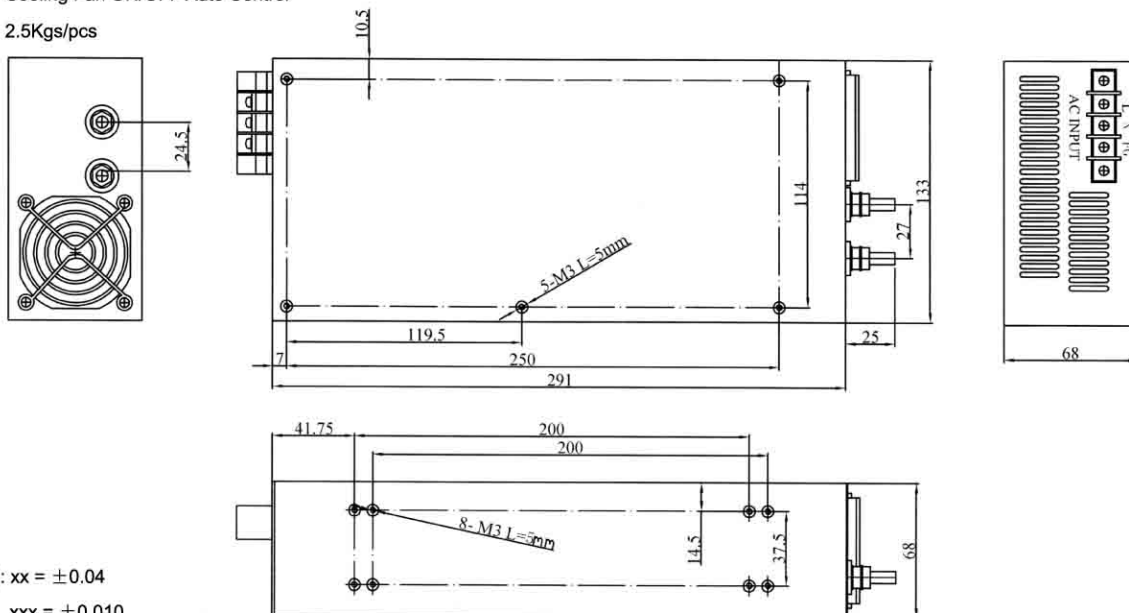
800W Parallel (N+1) Certified With PFC Function

- PF>0.98@230VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB/ CE
- Forced Air Cooling By Built-In DC Fan
- Built-In Remote Sense Function
- Built-In Remote ON/OFF Control
- Built-In Power Good Signal Output
- Can Adjust 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
- 2 Years Warranty



Input Voltage Range	180~260VAC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 60A/ 230VAC
Output Adjustment Range	±3% Rated Output Voltage By Potential Meter 20% to 100% By External Control 1V to 5VDC
Line Regulation	≤0.5%
Output Over Load Protection	105%~115% Current Limiting, Delay Shutdown
Output Over Voltage Protection	110%~135% Rated Output Voltage
Output Short Circuit Protection	Delay Shutdown
Rise, Hold Up Time	250mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	-10℃ to +50℃@100%, -20℃@80%, +65℃@50% Load
Storage Temperature Range	-40℃ to +85℃, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Forced Air Cooling By Built-In DC Fan Cooling Fan ON/OFF Auto Control
Weight	2.5Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTSP-800F-12	12V, 0~66A	0.5%	120mV	85%
HTSP-800F-15	15V, 0~53A	0.5%	150mV	86%
HTSP-800F-24	24V, 0~33A	0.5%	200mV	89%
HTSP-800F-48	48V, 0~16A	0.5%	400mV	90%



notes:

1. All dimensions in mm.

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

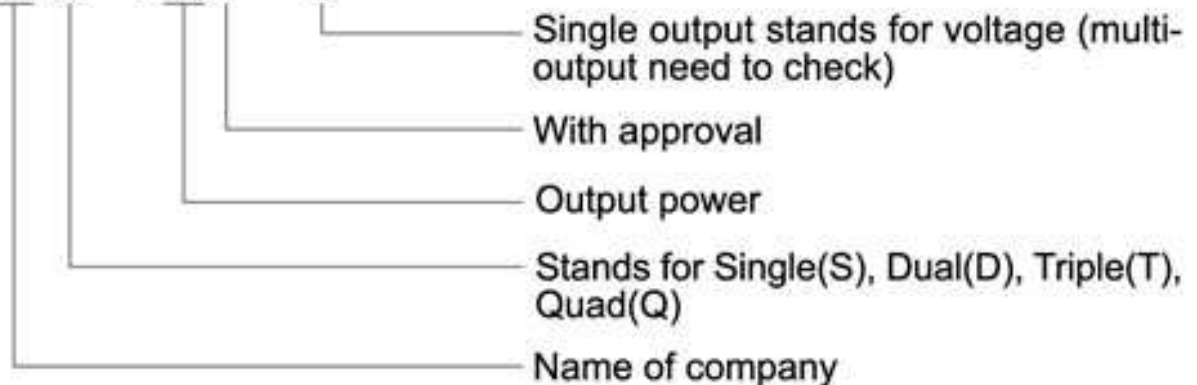
xxx = ±0.010

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



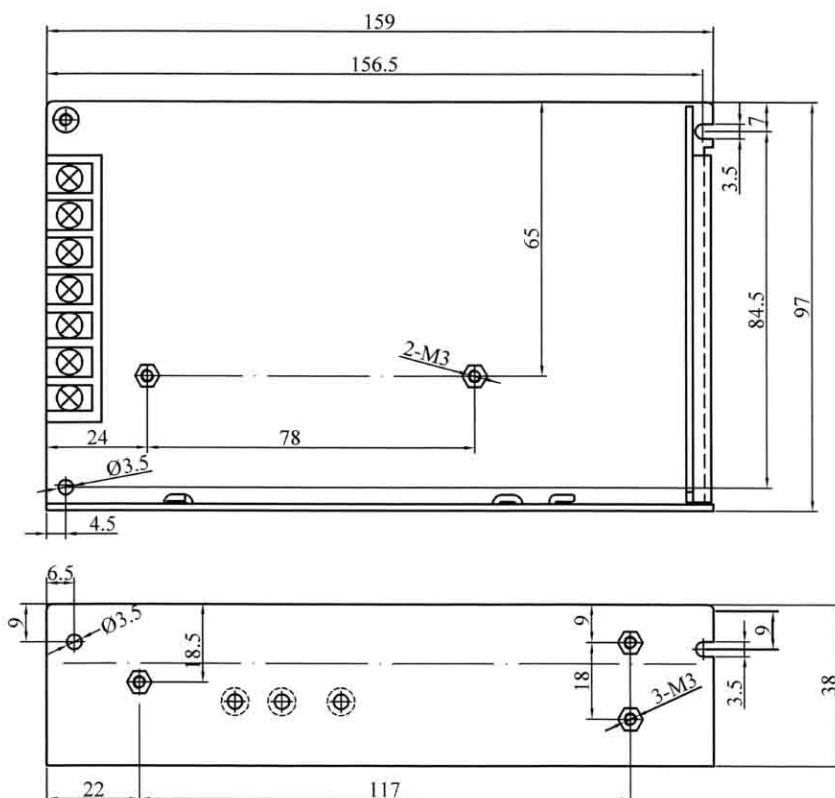
60W Dual Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV/ CB/ CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 25A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +45°C@100%, -10°C@80%, +60°C@60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.54Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTD-60F-A	5V, 0.3~6A	1%	75mV	74%	56W
	12V, 0.2~4A	6%	120mV		
HTD-60F-B	5V, 0.3~6A	1%	75mV	77%	58W
	24V, 0.2~2.2	5%	150mV		



notes:

1. All dimensions in mm.

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

xxx = ±0.010

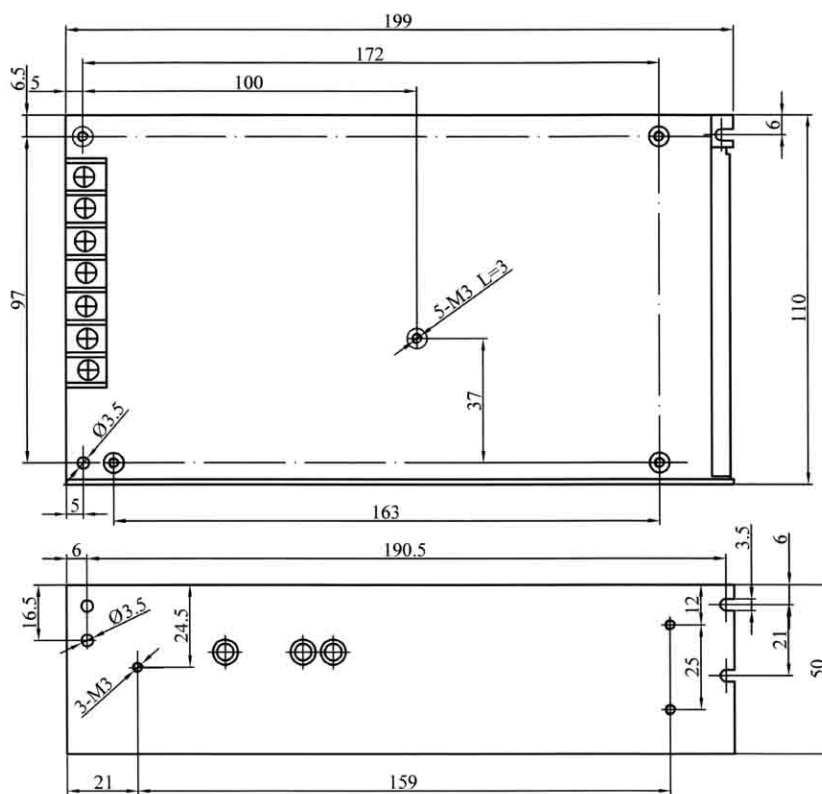
120W Dual Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL TUV / CB/ CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 30A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Shut Off, AC recycle To Re-Start
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Shut Off, AC recycle To Re-Start
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.82Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTD-120F-A	5V, 2~12A	1%	50mV	78%	120W
	12V, 0.5~5A	6%	100mV		
HTD-120F-B	5V, 2~10A	1%	50mV	80%	126W
	24V, 0.4~4A	7%	150mV		



notes:

1. All dimensions in mm.

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

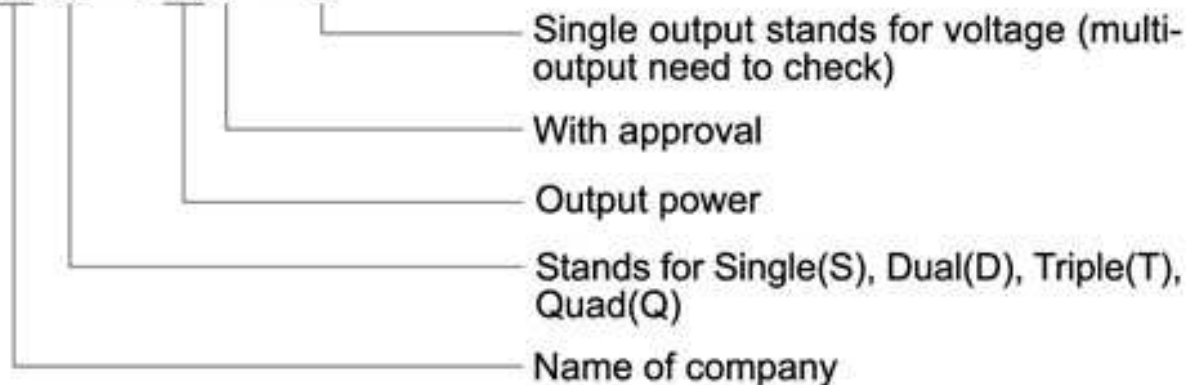
xxx = ±0.010

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



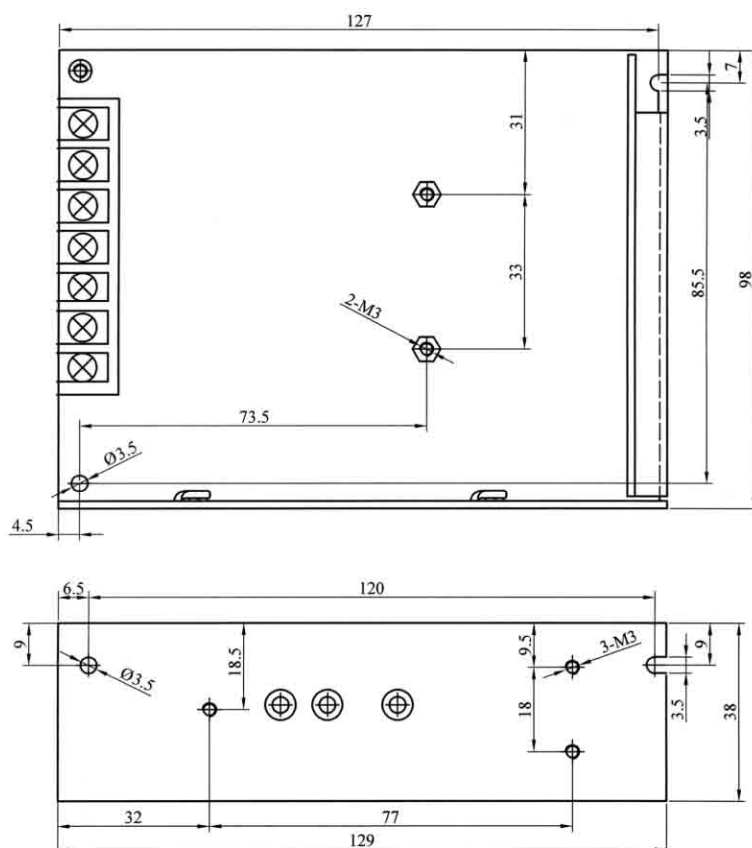
40W Triple Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 15A/ 115VAC, 25A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.44Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTT-40F-A	5V, 0.6~5A	1%	75mV	72%	42W
	12V, 0.2~3A	6%	120 mV		
	-5V, 0.1~1A	8%	100 mV		
HTT-40F-B	5V, 0.6~5A	1%	75mV	72%	45W
	12V, 0.2~3A	6%	120 mV		
	-12V, 0.1~1A	8%	120 mV		
HTT-40F-C	5V, 0.6~5A	1%	75mV	72%	45W
	15V, 0.2~2A	6%	120 mV		
	-15V, 0.1~1A	6%	120 mV		



notes:

1. All dimensions in mm.

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

xxx = ±0.010

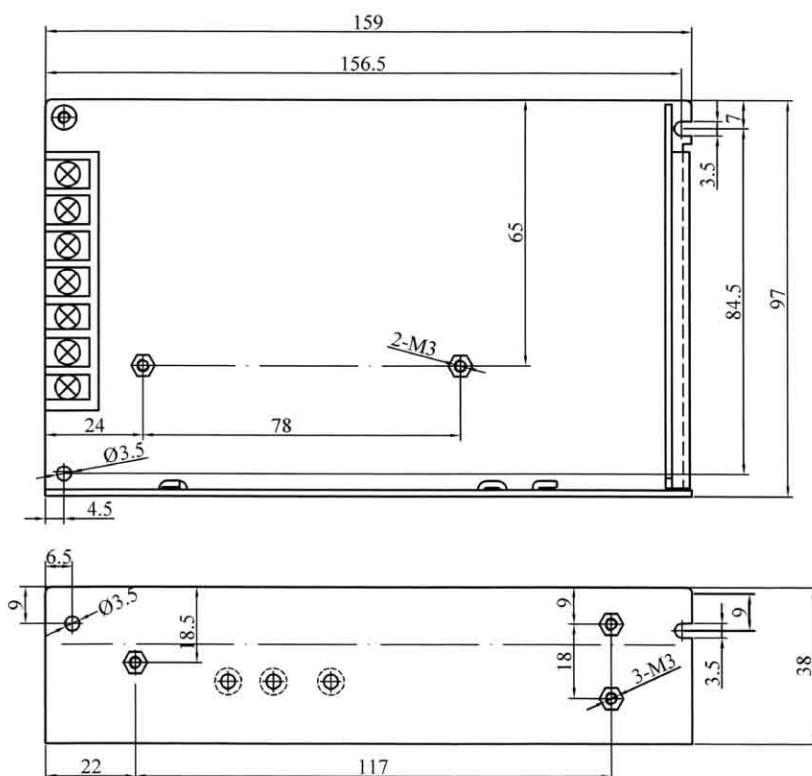
60W Triple Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV/ CB/ CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 25A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +45°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.55Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTT-60F-A	5V, 0.5~7A	1%	75mV	73%	58W
	12V, 0.2~3.5A	6%	100mV		
	-5V, 0~1A	6%	100mV		
HTT-60F-B	5V, 0.5~7A	1%	75mV	77%	61W
	12V, 0.2~3.5A	6%	100mV		
	-12V, 0~1A	6%	100mV		
HTT-60F-C	5V, 0.5~7A	1%	75mV	77%	63W
	15V, 0.2~3A	6%	100mV		
	-15V, 0~1A	6%	100mV		



notes:

1. All dimensions in mm.

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

xxx = ±0.010

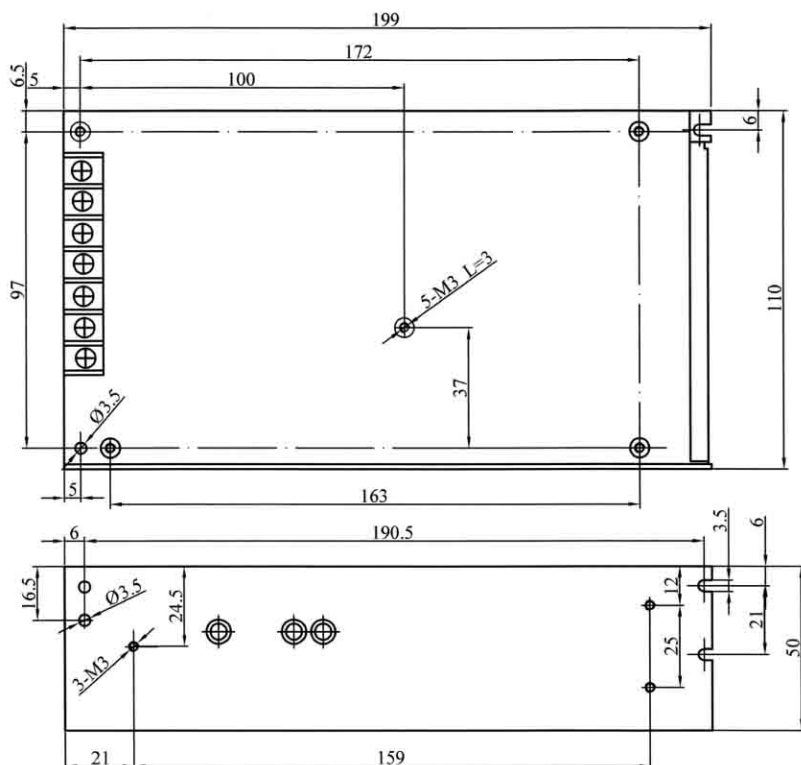
120W Triple Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 30A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Shut Off, AC recycle To Re-Start
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Shut Off, AC recycle To Re-Start
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.83Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTT-120F-A	5V, 2~12A	1%	75mV	77%	120W
	12V, 0.5~5A	6%	100mV		
	-5V, 0.2~1A	6%	75mV		
HTT-120F-B	5V, 2~12A	1%	75mV	77%	121W
	12V, 0.5~5A	6%	100mV		
	-12V, 0.2~1A	6%	100mV		
HTT-120F-C	5V, 2~12A	1%	75mV	76%	118W
	15V, 0.5~5A	+10%, -5%	120mV		
	-15V, 0.2~1A	+10%, -5%	120mV		
HTT-120F-D	5V, 2~12A	1%	75mV	80%	118W
	12V, 0.2~5A	6%	100mV		
	24V, 0.2~2A	6%	150mV		



notes:

1. All dimensions in mm.

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

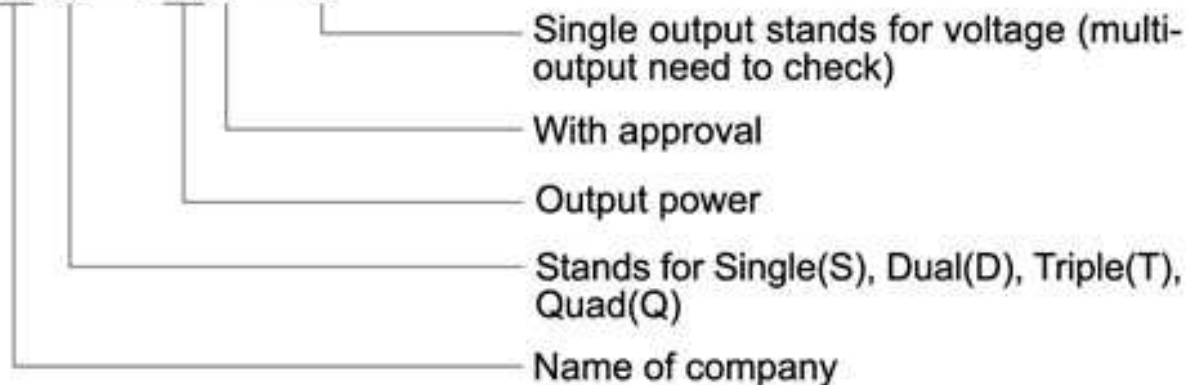
xxx = ±0.010

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



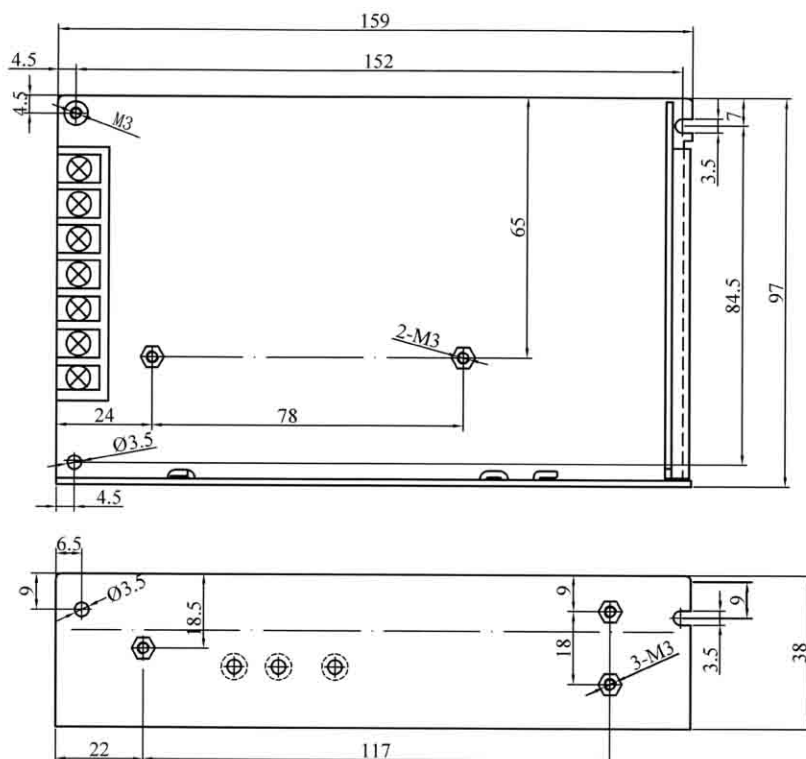
60W Quad Output Certified Power Supply

- Universal Input 85 to 264 VAC
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL/ TUV/ CB/ CE
- Protections: Over Load/ Over Voltage/ Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	85~264VAC; 120~370VDC
Input Frequency	47-63Hz
Inrush Current	Cold Start, 25A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~150% Hiccup Mode, Auto-recovery
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Hiccup Mode, Auto-recovery
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +45°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.56Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTQ-60F-A	5V, 0.5~8A	1%	75mV	71%	60W
	12V, 0.1~3A	6%	120mV		
	-5V, 0~1A	5%	100mV		
	-12V, 0~1A	5%	120mV		
HTQ-60F-B	5V, 0.5~8A	1%	75mV	73%	60W
	15V, 0.1~3A	+8%, -4%	120mV		
	-5V, 0~1A	5%	100mV		
	-15V, 0~1A	5%	120mV		
HTQ-60F-C	5V, 0.5~8A	1%	75mV	76%	62W
	12V, 0.1~3A	6%	120mV		
	24V, 0.1~1.5A	+8%, -4%	150mV		
	-12V, 0~1A	5%	120mV		



notes:

1. All dimensions in mm.

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

xxx = ±0.010

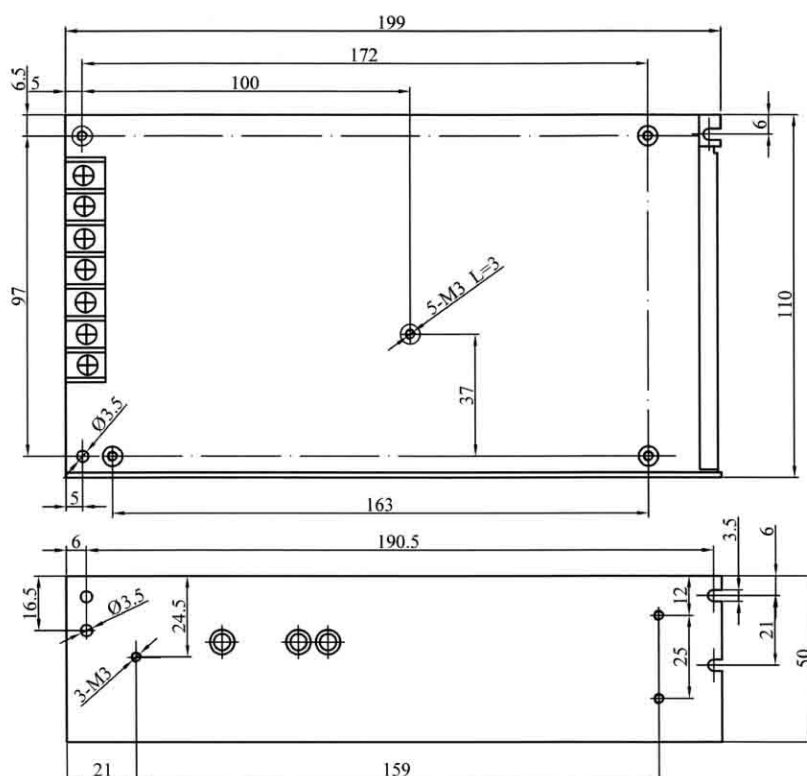
120W Quad Output Certified Power Supply

- AC Input Range Selectable By Switch
- EMI Meets EN55022(CISPR22) Class B
- Low Power Consumption
- Approvals: UL / CUL / TUV / CB / CE
- Protections: Over Load / Over Voltage / Short Circuit
- 100% Full Load High Temperature Burn-in Test
- 2 Years Warranty



Input Voltage Range	88~132VAC/ 176~264VAC Selectable By Switch
Input Frequency	47-63Hz
Inrush Current	Cold Start, 30A/ 115VAC, 50A/ 230VAC
Output Adjustment Range	CH1: -5%~+10% Rated Output Voltage
Line Regulation	≤0.5%
Output Over Load Protection	105%~135% Shut Off, AC recycle To Re-Start
Output Over Voltage Protection	CH1: 115%~135% Rated Output Voltage
Output Short Circuit Protection	Shut Off, AC recycle To Re-Start
Rise, Hold Up Time	50mS, 20mS at Full Load (Typical)
Hi-pot Isolation	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
Operating Temperature Range	0°C to +50°C @100%, -10°C @80%, +60°C @60% Load
Storage Temperature Range	-40°C to +85°C, 0 to 95%RH (Non-Condensing)
Safety Standards	UL60950-1, TUV EN60950-1
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11,ENV50204
Cooling Method	Free Air Cooling Convection
Weight	0.86Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency	Max Output
HTQ-120F-B	5V, 2~12A	1%	75mV	77%	120W
	12V, 0.5~5A	6%	100mV		
	-5V, 0.2~1A	6%	75mV		
	-12V, 0.2~1A	6%	100mV		
HTQ-120F-C	5V, 2~12A	1%	75mV	76%	123W
	15V, 0.5~5A	6%	120mV		
	-5V, 0.2~1A	6%	75mV		
	-15V, 0.2~1A	+10%, -5%	120mV		
HTQ-120F-D	5V, 2~12A	1%	75mV	80%	124W
	12V, 0.2~5A	6%	100mV		
	24V, 0.2~2A	6%	150mV		
	-12V, 0.2~1A	6%	100mV		



notes:

1. All dimensions in mm.

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

xxx = ±0.010