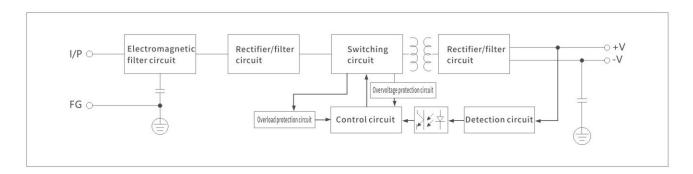


The SE-100 series is a 100W single group output closed type power supplies, using 220VAC selective AC input. The entire series provides 5V, 12V, 24V, 36V and 48V output.

In addition to the efficiency of up to 88%, the design of the metal mesh enclosure enhances the heat dissipation ability, allowing the SE-100 to operate in the temperature range of - 10 °C to+50 °C without a fan. Making it easy for the terminal system to meet international energy requirements. The SE-100 have complete protection functions and resistance to 3G vibration; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950-1 and GB4943 international safety regulations. The SE-100 series provide a cost-effective solution for various industrial applications.



SE-100 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY



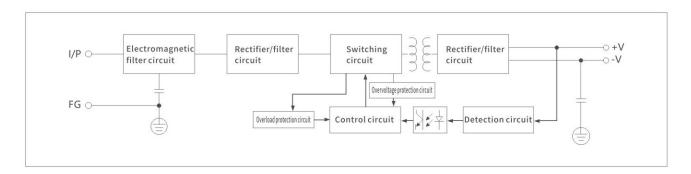
Туре		Technical in	dicators					
	DC voltage	5V	12V	24V	36V	48V		
	Ripple and noise ①	<75mV	<120mV	<150mV	<240mV	<240mV		
Output	Voltage regulation range			±10%				
Output	Voltage accuracy	±2.0%	±2.0% ±1.0%					
	Linear adjustment rate			±0.5%				
	Load adjustment rate	<±1.5%	<±0.5%	<±0.5%	<±0.5%	<±0.5%		
	Voltage range/frequency		35-132VAC/176-2	264VAC 47Hz~63	Hz (254VDC~37	OVDC)		
	Efficiency (typical) ②	>75%	>82%	>84%	>84%	>84%		
lanut	Operating current	<1.2A 220VAC						
Input	Impulse current	220VAC 36A						
	Start up time	200ms、50ms、20ms: 220VAC						
	Leakage current	<1mA 240VAC						
Protection	Overload protection	≥ 105% - 150 Cut off output	% Type: constant reset: power on	current output + again	VO drops to unde	ervoltage point		
characteristics	Short circuit protection	+VO drops to	underpressure	point to close or	utput			
Environment	Operating temperature、humidity	-10°C~+50°C; 20%~90RH						
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH						
	Withstand voltage	Input - output : 1.5KVAC input - case : 1.5KVAC output - case: 0.5KVAC duration :1 minute						
Security	Leakage current	Input - output 1.5KVAC < 5mA						
	Isolation resistor	Input - output and input - shell, output - shell: 500 VDC / 100 mΩ						
Other	Size	199*98*38m	m(L*W*H)					
Other	Net weight/gross weight	535g/580.8g						
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacited in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25° Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown m increase the starting time. When the operating altitude is higher than 2000 meters, the operating ambient temperature needs to be reduced by 5°C/1000 meters.							

Туре	SE-100							
DC voltage	5V	12V	24V	36V	48V			
Rated current	18A	8.3A	4.1A	2.8A	2.1A			
Rated power	90W	100.8W	100.8W	100.8W	100.8W			



The SE-150, 200 series is a 150W, 200W single group output closed type power supply with 110~264VAC selective AC input. The entire series provides 5V, 12V, 24V, 36V and 48V output.

In addition to the efficiency of up to 88%, the design of the metal mesh housing enhances the heat dissipation ability, allowing the SE-150, 200 to operate in the temperature range of - 10 °C to+50 °C without a fan. Making it easy for the terminal system to meet international energy requirements. The SE-150, 200 has complete protection functions and resistance to 3G vibration; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950-1 and GB4943 international safety regulations. The SE-150, 200 series provides a cost-effective solution for various industrial applications.



SE-150 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY



Туре		Technical indi	cators					
	DC voltage	5V	12V	24V	36V	48V		
	Rated current	25A	12.5A	6.25A	4.16A	3.12A		
	Rated power	125W	150W	150W	150W	150W		
	Ripple and noise ①	<75mV	<120mV	<150mV	<240mV	<240mV		
Output	Voltage regulation range			±10%				
	Voltage accuracy	±2.0%		:	±1.0%			
	Linear adjustment rate	<±0.5%						
	Load adjustment rate	<±1.5%	<±0.5%	<±0.5%	<±0.5%	<±0.5%		
	Voltage range/frequency	85	-132VAC/176-2	64VAC 47Hz~63	Hz (254VDC~37	OVDC)		
	Efficiency (typical) ②	>78%	>82%	>84%	>84%	>84%		
	Operating current	<2.5A 110VAC <1.5A 220VAC						
Input	Impulse current	110VAC 18A 220VAC 36A						
	Start up time	200ms、50ms	、20ms: 220VA	С				
	Leakage current	<1mA 240VA0	:					
Protection	Overload protection		% Type: constar		it+VO drops to ι	ındervoltage poi		
characteristics	Short circuit protection			point to close or	ıtput			
	Operating temperature、humidity	-10°C~+50°C; 20%~90RH						
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH						
	Withstand voltage	Input - output : 1.5KVAC input - case : 1.5KVAC output - case: 0.5KVAC duration :1 minute						
Security	Leakage current	Input - output 1.5KVAC < 5mA						
	Isolation resistor	Input - output and input - shell, output - shell: 500 VDC / 100 mΩ						
	Size	199*98*38mm	ı(L*W*H)					
Other	Net weight/gross weight	616.3g/654.3g						
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capaci in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25 Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown increase the starting time. When the operating altitude is higher than 2000 meters, the opera ambient temperature needs to be reduced by 5 °C/1000 meters.					perature of 25°0 ad. ad shutdown ma		

SE-200 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY

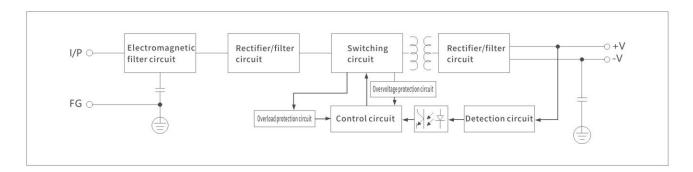


	Type	Technical indicators					
	DC voltage	5V	12V	24V	36V		
	Rated current	35A	16.6A	8.3A	5.5A		
	Rated power	175W	199.2W	199.2W	198W		
	Ripple and noise ①	< 100mV	< 150mV	< 150mV	< 240mV		
Output	Voltage accuracy	±2%		±1%			
	Output voltage regulation range		±1(0%			
	Load adjustment rate	< ±1.5%	< ±0.5%	< ±0.5%	< ±0.5%		
	Linear adjustment rate		< ±0).5%			
	Voltage range	176-26	64VAC 47Hz ~ 63I	Hz (254VDC ~ 370	VDC)		
	Efficiency (typical)	> 78%	> 82%	> 84%	> 84%		
Input	Working current	< 2.2A 2	220VAC				
	Impulse current	220VAC 50A					
	Start, rise, hold time	200ms 、50ms 、20ms : 220VAC					
Protection	overload protection	≥ 105% - 150% type: constant current output + vaao reduced to undervoltage point cut off output reset: power on again					
riotection	Short circuit protection	+VOD	rop to undervoltage	point to close output			
Environmental	Working temperature and humidity		-10 °C ∼+50 °C	; 20% ~ 90RH			
	Storage temperature and humidity		-20 ℃ ~+85 ℃	; 10% ~ 95RH			
	Safety Standards	BIS IS 13252(PART 1):2010/ IEC 60950-1 : 2005 BS EN 55032:2015+A11:2020 BS EN 55035:2017+A11:2020 BS EN 61000 ⁻ 3 ⁻ 2:2019 8s EN 6100003 ⁻ 3:2013+A1:2019 EN 61000-3-3:2013+A2:2021; EN IEC 55014-2: 2021.					
Safety	Withstand voltage	Input output: 1.5k\	/ac input shell: 1.5k\ min	/ac output shell: 0.5k ute	vac for 1		
	Leakage current		5mA at 1.5kVac	input-output			
	Leakage current		Input output at 22	20VAC < 1mA			
	Isolation resistance	Input outpu		shell: 500VDC / 100	ΜΩ		
Other	Size		199*110	*50mm			
Other	Net weight / gross weight		727.8/	780.g			



The SE-350 series is a 350W single group output enclosed power supplies that use 110/220VAC selective AC input to provide 5V, 12V, 18V, 24V, 36V, and 48V output for the entire series.

In addition to an efficiency of up to 88%, the metal mesh enclosure intelligent fan design enhances heat dissipation capabilities, making the SE-350 more stable in harsh environments, making it easy for the terminal system to meet international energy requirements. The SE-350 has complete protection functions; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950-1 and GB4943 international safety regulations. The SE-350series provide a cost-effective solution for various industrial applications.



SE-350 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY

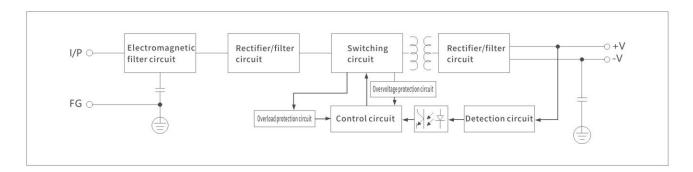


Туре		Technical indicators						
	DC voltage	5V	12V	18V	24V	36V	48V	
	Rated current	50A	29A	19.4A	14.5A	9.7A	7.3A	
	Rated power	250W	350W	350W	350W	350W	350.4W	
Outnut	Ripple and noise ①	<150mV	<150mV	<150mV	<150mV	<240mV	<240mV	
Output	Voltage regulation range			±	10%			
	Voltage accuracy	±2.0%			±1.0%			
	Linear adjustment rate			< <u>±</u>	0.5%			
	Load adjustment rate	<±1.5%	<±1.2%	<±1.2%	<±1%	<±0.5%	<±0.5%	
	Voltage range/frequency		90-132VAC/1	80-264VAC 47	Hz∼63Hz 25	4VDC~370VD	С	
	Efficiency (typical) ②	>74%	>82%	>82%	>84%	>86%	>86%	
Input	Operating current	<5.2A 110VAC <2.8A 220VAC						
	Impulse current	110VAC 25A 220VAC 50A						
	Start up time	200ms、50ms、20ms: 220VAC						
	Leakage current	<1mA 240VAC						
	Overload protection	≥ 105% - 150% Type: constant current output+VO drops to undervoltage poin Cut off output reset: power on again						
Protection characteristics	Over/under voltage protection	≥115%-135%VOUT ≤10%-45%VOUT						
characteristics	Over temperature protection/ short circuit protection	RTH3: ≥ 65 °C fan starts, ≤ 55 °C fan closes, ≥ 80 °C fan closes output (5V)/+VO drops to undervoltage point and closes output						
F	Operating temperature、humidity	-10°C~+50°C; 20%~90RH						
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH						
	Withstand voltage	Input - outpu	it: 1.5KVAC inp	ut - case : 1.5K\	/AC output - cas	se: 0.5KVAC dur	ation :1 minut	
Security	Leakage current	Input - outp	out 1.5KVAC <	5mA				
	Isolation resistor	Input - outp	out and input	- shell, outpu	t - shell: 500 V	/DC / 100 mΩ		
Othor	Size	215*114*50	mm(L*W*H)					
Other	Net weight/gross weight	874.1g/936.3g						
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacin parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25 Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown increase the starting time. When the operating altitude is higher than 2000 meters, the operation ambient temperature needs to be reduced by 5 °C/1000 meters.					ture of 25°C utdown ma		



The SE-450, 600 series are 450, 600W single group output enclosed power supplies that use 85 to 264VAC full range AC input to provide 12V, 24V, 36V, 48V output for the entire series.

In addition to the efficiency of up to 88%, the metal mesh housing intelligent fan design enhances the heat dissipation ability, making the SE-450, 600 work more stable in harsh environments, making it easy for the terminal system to meet international energy requirements. The SE-450, 600, 800 have complete protection functions; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950 and GB4943 international safety regulations. The SE-450, 600 series provide a cost-effective solution for various industrial applications.



SE-450 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY



Туре		Technical indicato	rs				
	DC voltage	12V	24V	36V	48V		
	Rated current	41.6A	20.8A	13.8A	10.4A		
	Rated power	499.2	499.2	496.8	499.2		
0.11	Ripple and noise ①	<150mV	<150mV	<240mV	<240mV		
Output	Voltage regulation range		±	10%			
	Voltage accuracy	,	±	1.0%			
	Linear adjustment rate	<±1%					
	Load adjustment rate	<±1.2%	<±1%	<±0.5%	<±0.5%		
	Voltage range/frequency		180-264VAC 47Hz~6	3Hz; 254VDC~370VD	OC .		
	Efficiency (typical) ②	>82%	>84%	>86%	>86%		
L	Operating current	<5A 230VAC					
Input	Impulse current	220VAC 50A					
	Start up time	2000ms、50ms、20ms: 220VAC					
	Leakage current	<1mA 240VAC					
	Overload protection	≥ 105% - 150% Type: constant current output+VO drops to undervoltage point Cut off output reset: power on again					
Protection characteristics	Over/under voltage protection	≥115%-135%VOUT ≤35%-45%VOUT					
Characteristics	Over temperature protection/ short circuit protection	RTH3: ≥ 45 °C fan slow rotation, ≥ 60 °C fan fast rotation, ≥ 85 °C shutdown output/shutdown output power<300W					
	Operating temperature、humidity						
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH					
	Withstand voltage	Input - output : 1.5KVAC input - case : 1.5KVAC output - case: 0.5KVAC duration :1 minute					
Security	Leakage current	Input - output 1.5KVAC < 5mA					
	Isolation resistor	Input - output and	input - shell, outpu	t - shell: 500 VDC / 10	00 mΩ		
	Size	215*114*50mm(L*	W*H)				
Other	Net weight/gross weight	1268g/1358g					
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacito in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25 °C Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown maincrease the starting time. When the operating altitude is higher than 2000 meters, the operating ambient temperature needs to be reduced by 5 °C/1000 meters.						

SE-600 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY

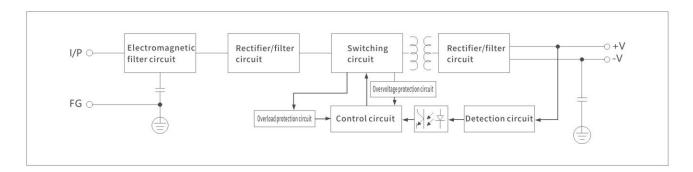


Туре		Technical indicators					
	DC voltage	12V	24V	36V	48V		
	Rated current	50A	25A	16.6A	12.5A		
	Rated power	600W	600W	600W	600W		
Output	Ripple and noise ①	<150mV	<150mV	<240mV	<240mV		
Output	Voltage regulation range		±:	10%			
	Voltage accuracy	·	±1	1.0%			
	Linear adjustment rate		< <u>+</u>	1%			
	Load adjustment rate	<±1.2%	<±1%	<±0.5%	<±0.5%		
	Voltage range/frequency		180-264VAC 47Hz~63	370VE	OC .		
Input	Efficiency (typical) ②	>82%	>84%	>86%	>86%		
	Operating current	<5A 230VAC					
	Impulse current	220VAC 50A					
	Start up time	200ms、50ms、20ms: 220VAC					
	Leakage current	<1mA 240VAC					
	Overload protection	≥ 105% - 150% Type: constant current output+VO drops to undervoltage point Cut off output reset: power on again					
Protection characteristics	Short circuit protection/ overvoltage protection	Shutdown output power<300W/≥ 115% - 145%					
characteristics	Over temperature protection	RTH3: \geqslant 45 °C fan slow rotation, \geqslant 60 °C fan fast rotation, \geqslant 85 °C shutdown output					
F	Operating temperature、humidity	-10°C~+50°C; 20%~90RH					
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%	%~95RH				
	Withstand voltage	Input - output : 1.5K	VAC input - case : 1.5KV	'AC output - case: 0.5K	/AC duration :1 minute		
Security	Leakage current	Input - output 1.5	KVAC < 5mA				
	Isolation resistor	Input - output and	l input - shell, output	t - shell: 500 VDC / 10	00 mΩ		
041	Size	241*125*65mm(L*	W*H)				
Other	Net weight/gross weight	1268g/1358g					
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacitor in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25° Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown m increase the starting time. When the operating altitude is higher than 2000 meters, the operating ambient temperature needs to be reduced by 5°C/1000 meters.				mperature of 25 °C oad. and shutdown may		



The SE-1000 series is a 1000W single group output closed type power supply with 110V/220V selective AC input. The entire series provides 12V, 24V, 36V and 48V output.

In addition to an efficiency of up to 88%, the metal mesh housing intelligent fan design enhances heat dissipation capabilities, making the SE-1000 more stable in harsh environments, making it easy for the terminal system to meet international energy requirements. The SE-1000 has complete protection functions; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950-1 and GB4943 international safety regulations. The SE-1000 series provides a cost-effective solution for various industrial applications.



SE-1000 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY

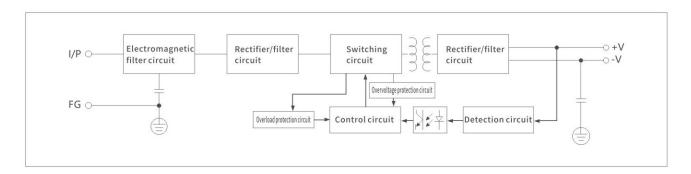


Туре		Technical indicato	rs				
	DC voltage	12V	24V	36V	48V		
	Rated current	80A	40A	27.5A	20A		
	Rated power	960W	960W	990W	960W		
Outrut	Ripple and noise ①	<150mV	<150mV	<240mV	<240mV		
Output	Voltage regulation range		±1	10%			
	Voltage accuracy		±1	0%			
	Linear adjustment rate	<±1%					
	Load adjustment rate	<±1.2%	<±1%	<±0.5%	<±0.5%		
	Voltage range/frequency		180-264VAC 47Hz~63	3Hz; 254VDC~370VD	С		
	Efficiency (typical) ②	>82%	>84%	>86%	>86%		
Input	Operating current	220VAC: 60A					
	Impulse current	<10A 230VAC					
	Start up time	2000ms、50ms、2	20ms: 230VAC				
	Leakage current	<1mA 240VAC					
	Overload protection	≥ 105% - 150% Type: constant current output+VO reduced to undervoltage point Cut off output reset: power on again					
Protection characteristics	Overvoltage protection/ short circuit protection	Output Closed (≥115%-145%)/Output Closed					
Characteristics	Over temperature protection	RTH3: Fan rotates normally, ≥ 90 °C, output closed					
	Operating temperature、humidity	-10°C~+50°C; 20%~90RH					
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH					
	Withstand voltage	Input - output : 1.5K	VAC input - case : 1.5KV	AC output - case: 0.5K\	/AC duration :1 minute		
Security	Leakage current	Input - output 1.5KVAC < 6mA					
	Isolation resistor	Input - output and	input - shell, output	- shell: 500 VDC / 10	0 mΩ		
	Size	340*133*67mm(L*	W*H)				
Other	Net weight/gross weight	2kg/2.1kg					
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacito in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25° Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown mincrease the starting time. When the operating altitude is higher than 2000 meters, the operating ambient temperature needs to be reduced by 5°C/1000 meters.						



The SE-1500 series is a 1500W single group output enclosed power supplies that use 180 to 264VAC AC input to provide 12V, 24V, 36V and 48V output throughout the series.

In addition to an efficiency of up to 88%, the metal mesh housing intelligent fan design enhances heat dissipation capabilities, making the SE-1500 more stable in harsh environments, making it easy for the terminal system to meet international energy requirements. The SE-1500 have complete protection functions; It complies with TUV EN60950-1, EN60335-1, EN61558-1/-2-16, UL60950-1 and GB4943 international safety regulations. The SE-1500 series provide a cost-effective solution for various industrial applications.



SE-1500 SERIES

SINGLE GROUP OUTPUT POWER SUPPLY



Туре		Technical indicato	ors				
	Dc voltage	12V	24V	36V	48V		
	Ripple and noise ①	<150mV	<150mV	<240mV	<240mV		
0	Voltage regulation range			±10%			
Output	Voltage accuracy			±1.0%			
	Linear adjustment rate			±1%			
	Load adjustment rate	<±1.2%	< <u>±1</u> %	<±0.5%	<±0.5%		
	Voltage range/frequency		180-264VAC 47H	z~63Hz;254VDC~37	70VDC		
	Efficiency (typical) ②	>85%	>88%	>88%	>88%		
Input	Operating current	220VAC: 13.5A					
	Impulse current	60A 230VAC					
	Start up time	2000ms、50ms、20ms: 230VAC					
	Leakage current	≤1.5mA 240VAC					
Protection	Overload protection	≥ 105% - 150% Type: constant current output+VO reduced to undervoltage point Cut off output reset: power on again					
characteristics	Over temperature protection	RTH3: Fan rotates normally, ≥ 90 °C, output closed					
Environment	Operating temperature、humidity	-10°C~+50°C; 20%~90RH					
Environment	Storage temperature 、humidity	-20°C~+85°C; 10%~95RH					
	Withstand voltage	Input - output : 1.5KVAC input - case : 1.5KVAC output - case: 0.5KVAC duration :1 minute					
Security	Leakage current	Input - output 1.5	KVAC < 6mA				
	Isolation resistor	Input - output and	d input - shell, ou	tput - shell: 500 VDC	/ 100 mΩ		
Other	Size	280*160*85mm(L	*W*H)				
Other	Net weight/gross weight	3kg/3.1kg					
Remarks	①Ripple and noise measure in parallel at the terminal, a ② The efficiency is tested a Precision: including setting Test method of linear regul Load adjustment rate test of The starting time is measure increase the starting time ambient temperature needs	nd measure at 20M t the input voltage g error, linear adju ation: test from lo nethod: from 0% t red under the cold . When the opera	IHz bandwidth. e of 230VAC, rate stment rate and w voltage to hig o 100% of rated start state. Fast ting altitude is	ed load and ambien I load adjustment ra h voltage under rat load. t and frequent start higher than 2000	t temperature of 25°C ate. ed load. up and shutdown ma		

Type	SE-1500						
DC voltage	12V	24V	36V	48V			
Rated current	120A	60A	42A	31.5A			
Rated power	1440W	1440W	1512W	1512W			