

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

15W Single Output Switching Power Supply

PICTURE

Case:E 99×97×35mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Approvals: CE/ CSA:219967-1426940
- Short circuit/ over load protected
- International AC input selected
- 1 year warranty

TECHNICAL DATA

Input voltage 85 ~ 132VAC/170 ~ 264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start. 15A/115V, 30A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output foldback limiting
 Setup, rise, hold up time. 200ms, 100ms, 30ms
 Withstand voltage. I/P-O/P:1.5KV, I/P-FG:1.5KV, 1min
 Insulation resistance. >100MΩ (output) and (input, FG)
 Working temperature. 0-50℃@100%, -10℃@80%, 60℃@60%
 Storage temperature. -25~65℃
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3, FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration. 10~55HZ, 0.375mm amplitude at X, Y, Z axial for about 2H
 Shock. 294m/s²{30G} at 6 surfaces for three times
 Desire life. >8 years (load 50% at +40℃)
 Weight. 0.3kgs

※Type

Type No .	Output	Tol.	R & N	Effi .
SP-E015S005P-SA	5V : 3A	±2%	50mV	65%
SP-E015S012P-SA	12V : 1.3A	±1%	50mV	68%
SP-E015S024P-SA	24V : 0.7A	±1%	50mV	73%

25W Single Output Switching Power Supply

PICTURE

Case:E 99×97×35mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built EMI in filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit/ over load / over voltage protected
- Universal AC input/full range
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 85 ~ 264VAC universal input
 Input frequency. 47-63Hz
 Inrush current cold start. 15A/115V, 30A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output pulsing mode
 Over voltage protection. 115% ~ 135% of output voltage
 Setup, rise, hold up time. 800ms, 50ms, 10ms/115VAC
 300ms, 50ms, 80ms/230VAC
 Withstand voltage I/P-O/P:3KV, I/P-FG:1.5KV, 1min
 Insulation resistance >100MΩ (output) and (input, FG)
 Working temperature. 0-50℃@100%, -10℃@80%, 60℃@60%
 Storage temperature. -25~65℃
 Operation humidity. 25~85%RH
 EMI Standards IEC-1000-3-2,3, FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X, Y, Z axial for about 2H
 Shock. 294m/s²{30G} at 6 surfaces for three times
 Desire life. >8 years (load 50% at +40℃)
 Weight 0.55kgs

※Type

Type No .	Output	Tol.	R & N	Effi .
SP-E025S005P-FB	5V : 5A	±2%	50mV	73%
SP-E025S012P-FB	12V : 2.1A	±1%	100mV	79%
SP-E025S015P-FB	15V : 1.7A	±1%	100mV	80%
SP-E025S024P-FB	24V : 1.1A	±1%	100mV	83%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

35W Single Output Switching Power Supply

PICTURE Case:F 129X98X38mm



FEATURES

- Low Cost, high reliability
- High Efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Approvals: CE/ CSA:219967-1426940
- Short circuit/ over load protected
- International AC input selected
- 1 year warranty

TECHNICAL DATA

Input voltage 85 ~ 132VAC/170 ~ 264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start. 15A/115V, 30A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection. 105% ~ 150% output foldback limiting
 Setup, rise, hold up time. . 200ms, 100ms, 30ms
 Withstand voltage. I/P-O/P:1.5KV, I/P-FG:1.5KV, 1min
 Insulation resistance >100M Ω (output) and (input, FG)
 Working temperature 0-50°C@100%, -10°C@80%, 60°C@60%
 Storage temperature -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards IEC-1000-3-2,3, FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X, Y, Z axial for
 about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight 0.4kgs

※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E035S005P-SA	5V : 7A	±2%	75mV	70%
SP-E035S012P-SA	12V : 3A	±1%	100mV	76%
SP-E035S015P-SA	15V : 2.4A	±1%	100mV	78%
SP-E035S024P-SA	24V : 1.5A	±1%	100mV	78%

40W Single Output Switching Power Supply

PICTURE Case:F 129x98x38mm



FEATURES

- Low Cost, high reliability
- High Efficiency, Low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit/ over load /
over voltage protected
- Universal AC Input/full range
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 85 ~ 264VAC universal input
 Input frequency 47-63Hz
 Inrush current cold start. 25A/115V, 50A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output pulsing mode
 Over voltage protection. . . . 115% ~ 135% of output voltage
 Setup, rise, hold up time. . . 800ms, 50ms, 15ms/115VAC
 300ms, 50ms, 80ms/230VAC
 Withstand voltage I/P-O/P:3KV, I/P-FG:1.5KV, 1min
 Insulation resistance >100M Ω (output) and (input, FG)
 Working temperature 0-50°C@100%, -10°C@80%, 60°C@60%
 Storage temperature -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards IEC-1000-3-2,3, FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X, Y, Z axial for
 about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight 0.45kgs

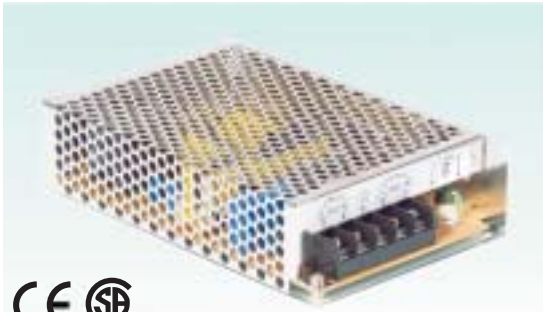
※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E040S005P-FB	5V : 8A	±2%	75mV	72%
SP-E040S012P-FB	12V : 3.5A	±1%	100mV	77%
SP-E040S015P-FB	15V : 2.8A	±1%	100mV	77%
SP-E040S024P-FB	24V : 1.8A	±1%	100mV	79%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

50W Single Output Switching Power Supply

PICTURE Case:A 159x97x38mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI Filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Approvals: CE/ CSA:219967-1426940
- Short circuit/ over load protected
- International AC input selected
- 1 year warranty

TECHNICAL DATA

Input voltage 85 ~ 132VAC/170 ~ 264VAC selected by sw.
 Input frequency. 47-63Hz
 Inrush current. cold start. 15A/115V, 30A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Overload protection. 105% ~ 150% output foldback limiting
 Setup, rise, hold up time. 200ms, 100ms, 20ms
 Withstand voltage. I/P-O/P: 1.5KV, I/P-FG: 1.5KV, 1min
 Insulation resistance. >100M Ω (output) and (input, FG)
 Working temperature. 0-50°C@100%, -10°C@80%, 60°C@60%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3, FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration. 10~55HZ, 0.375mm amplitude at X,Y,Z axial for about 2H
 Shock. 294m/s²{30G} at 6 surfaces for three times
 Desire life. >8 years (load 50% at +40°C)
 Weight. 0.5kgs

※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E050S005P-SA	5V : 10A	±2%	75mV	71%
SP-E050S012P-SA	12V : 4.2A	±1%	100mV	78%
SP-E050S015P-SA	15V : 3.4A	±1%	100mV	78%
SP-E050S024P-SA	24V : 2.1A	±1%	100mV	82%

60W Single Output Switching Power Supply

PICTURE Case:A 159x97x38mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact Size, light weight
- 100% full load burn-in test
- Short circuit/ over load / over voltage protected
- Universal AC input/full range
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 85 ~ 264VAC universal input
 Input frequency. 47-63Hz
 Inrush current. cold start. 25A/115V, 50A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 150% output pulsing mode
 Over voltage protection. 115% ~ 135% of output voltage
 Setup, rise, hold up time. 800ms, 50ms, 10ms/115VAC
 300ms, 50ms, 80ms/230VAC
 Withstand voltage. I/P-O/P: 3KV, I/P-FG: 1.5KV, 1min
 Insulation resistance. >100M Ω (output) and (input, FG)
 Working temperature. 0-50°C@100%, -10°C@80%, 60°C@60%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3, FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration. 10~55HZ, 0.375mm amplitude at X,Y,Z axial for about 2H
 Shock. 294m/s²{30G} at 6 surfaces for three times
 Desire life. >8 years (load 50% at +40°C)
 Weight. 0.55kgs

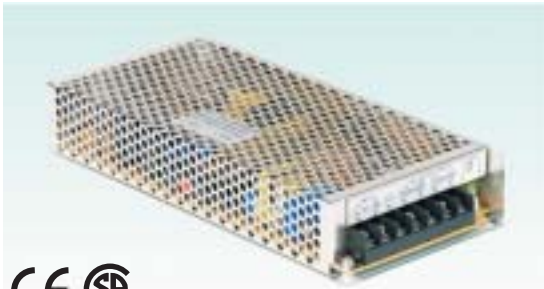
※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E060S005P-FB	5V : 12A	± 2%	120mV	74%
SP-E060S012P-FB	12V : 5A	± 1%	120mV	77%
SP-E060S015P-FB	15V : 4A	± 1%	150mV	78%
SP-E060S024P-FB	24V : 2.5A	± 1%	150mV	81%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

100W Single Output Switching Power Supply

PICTURE Case:B 199x98x38mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- 100% full load burn-in test
- Approvals: CE/ CSA:219967-1426940
- Short circuit/ over load protected
- International AC input selected
- 1 year warranty

TECHNICAL DATA

Input voltage 85 ~ 132VAC/170~264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start. 20A/115V, 40A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2(p-p)
 Overload protection 105% ~ 150% output shutdown
 (7.5V 150%~200%)
 Setup, rise, hold up time 200ms, 50ms, 20ms
 Withstand voltage I/P-O/P: 1.5KV, I/P-FG: 1.5KV, 1min
 Insulation resistance >100M Ω (output) and (input, FG)
 Working temperature 0-50°C@100%, -10°C@80%, 60°C@60%
 (5V&7.5V 0-45°C@100%, 60°C@50%)
 Storage temperature -25~65°C
 Operation humidity 25~85%RH
 EMI Standards IEC-1000-3-2,3, FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X,Y,Z axial for
 about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life >8years (load 50% at +40°C)
 Weight 0.65kgs

※Type

Type No .	Output	Tol.	R & N	Effi .
SP-E100S003P-SC	3V : 20A	±2%	100mV	70%
SP-E100S005P-SC	5V : 20A	±2%	100mV	78%
SP-E100S07P5-SC	7.5V : 13.6A	±1%	100mV	80%
SP-E100S010P-SC	10V : 10A	±1%	100mV	80%
SP-E100S012P-SC	12V : 8.5A	±1%	100mV	81%
SP-E100S015P-SC	15V : 6.7A	±1%	100mV	81%
SP-E100S018P-SC	18V : 5.6A	±1%	100mV	84%
SP-E100S024P-SC	24V : 4.5A	±1%	100mV	84%
SP-E100S027P-SC	27V : 3.7A	±1%	100mV	84%
SP-E100S048P-SC	48V : 2A	±1%	100mV	82%

100W Single Output Switching Power Supply

PICTURE Case:B 199x98x38mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit/ over load /
over voltage protected
- International AC Input/selected
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 88 ~ 132VAC/176~264 VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start. 20A/115V, 40A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output pulsing mode
 Over voltage protection 115% ~ 135% of output voltage
 Setup, rise, hold up time 1s, 30ms, 15ms/230VAC
 Withstand voltage I/P-O/P: 3KV, I/P-FG: 1.5KV, 1min
 Insulation resistance >100M Ω (output) and (input, FG)
 Working temperature 0-50°C@100%, -10°C@80%, 60°C@60%
 (5V&7.5V 0-45°C@100%, 60°C@50%)
 Storage temperature -25~65°C
 Operation humidity 25~85%RH
 EMI Standards IEC-1000-3-2,3, FCC class B
 EMC Standards EN61000-4-2,3,5,
 Vibration 10~55HZ, 0.375mm amplitude at X,Y,Z axial for
 about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight 0.65kgs

※Type

Type No .	Output	Tol.	R & N	Effi .
SP-E100S005P-SB	5V : 20A	±2%	100mV	76%
SP-E100S07P5-SB	7.5V : 13.5A	±1%	125mV	78%
SP-E100S012P-SB	12V : 8.5A	±1%	125mV	80%
SP-E100S015P-SB	15V : 6.7A	±1%	125mV	81%
SP-E100S024P-SB	24V : 4.5A	±1%	150mV	83%
SP-E100S048P-SB	48V : 2.2A	±1%	150mV	84%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

150W Single Output Switching Power Supply

PICTURE Case:D 199x110X50mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit/ over load / over voltage protected
- International AC input/selected
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 88 ~ 132VAC/176~264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start. 35A
 Output voltage refer to below table (± 10% AD J.)
 Overload protection 105% ~ 150% output shutdown
 Over voltage protection 115% ~ 135% of output voltage
 (24V 125%~145%)
 Setup, rise, hold up time. 100ms,50ms 20ms
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100M Ω (output) and (input,FG)
 Working temperature. 0-30°C@100%,50°C@100% with cooling fan,
 -10°C@80%(15V&24V 0-50°C@ 100%,60°C@60%)
 Storage temperature. -25~65°C
 Operation humidity. 25~85RH
 EMI Standards IEC-1000-3-2,3,FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X,Y,Z axial for
 about 2H
 Shock 294m/s²{30G}at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight. 0.8kgs

※Type

Type No .	Output	ToI.	R & N	Effi.
SP-E150S005P-SC	5V : 30A	±2%	150mV	78%
SP-E150S07P5-SC	7.5V : 20A	±1%	150mV	80%
SP-E150S009P-SC	9V : 16.7A	±1%	180mV	80%
SP-E150S012P-SC	12V : 12.5A	±1%	180mV	82%
SP-E150S13P5-SC	13.5V : 11.2A	±1%	180mV	83%
SP-E150S015P-SC	15V : 10A	±1%	180mV	84%
SP-E150S024P-SC	24V : 6.5A	±1%	240mV	85%
SP-E150S027P-SC	27V : 5.6A	±1%	240mV	86%
SP-E150S048P-SC	48V : 3.2A	±1%	240mV	86%

200W Single Output Switching Power Supply

PICTURE Case:G 155x150x86mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Approvals: CE/ CSA:219967-1426940
- Short circuit/ over load protected
- International AC input/selected
- 1 year warranty

TECHNICAL DATA

Input voltage 88 ~ 132VAC/ 176-264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current cold start.25A/115V,50A/ 230V
 Output voltage refer to below table (± 10% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output shutdown
 (5V, 110% ~ 160)
 Setup, rise, hold up time. 200ms,80ms,16ms
 Withstand voltage. I/P-O/P:1.5KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100M Ω (output)and (input,FG)
 Working temperature. 0-50°C@100%,-10°C@80%,60°C@80%
 Storage temperature. -25~65°C
 Operation humidity. 25~85RH
 EMI Standards IEC-1000-3-2,3,FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ,0.15mm amplitude at X,Y,Z axial for
 about 2H
 Shock 294m/s²{30G}at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight. 1.3kgs

※Type

Type No .	Output	ToI.	R & N	Effi.
SP-E200S005P-SC	5V : 40A	±2%	180mV	75%
SP-E200S012P-SC	12V : 16.5A	±1%	120mV	79.5%
SP-E200S015P-SC	15V : 13.3A	±1%	120mV	80%
SP-E200S024P-SC	24V : 8.5A	±1%	120mV	81.5%
SP-E200S027P-SC	27V : 7.4A	±1%	150mV	82%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

240W Single Output Switching Power Supply

PICTURE Case:H 205x93x65mm



FEATURES

- High efficiency, High reliability
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Cooling fan on/off automatically
- Short circuit/ over load / over voltage/ over temp. protected
- International AC Input auto change
- Approvals:CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage. 88 ~ 132VAC/176~264VAC auto. Change
 Input frequency. 47-63Hz
 Inrush current. 15A/115V,30A/230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output pulsing mode
 Over voltage protection 115% ~ 150% of output voltage
 Setup, rise, hold up time . . . 1s,20ms,20ms/230VAC
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100M Ω (output) and (input,FG)
 Working temperature. 0-50°C@100%,-10°C@80%,60°C@60%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ,0.15mm amplitude at X,Y,Z axial for about 2H
 Shock. 294m/s²{30G}at 6 surfaces for three times
 Desire life. >8 years(load 50% at +40°C)
 Weight. 1.1kgs

※Type

Type No .	Output	ToI.	R & N	Effi.
SP-E240S005P-AB	5V : 40A	±2%	150mV	78%
SP-E240S07P5-AB	7.5V : 30A	±2%	150mV	80%
SP-E240S012P-AB	12V : 18A	±1%	120mV	82%
SP-E240S015P-AB	15V : 15A	±1%	150mV	83%
SP-E240S024P-AB	24V : 10A	±1%	180mV	84%
SP-E240S030P-AB	30V : 8A	±1%	180mV	85%
SP-E240S048P-AB	48V : 5A	±1%	240mV	87%

320W Single Output Switching Power Supply

PICTURE Case:l 230X115X50mm



FEATURES

- High efficiency, High reliability
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Cooling fan on/off automatically
- Short circuit/ over load / Over voltage/ over temp. Protected
- International AC Input selected
- Approvals:CE/ CSA:219967-1426940
- 2 Years warranty

TECHNICAL DATA

Input voltage. 88 ~ 132VAC/ 176-264VAC selected by sw.
 Input frequency. 47-63Hz
 Inrush current. 20A/115V,40A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output pulsing mode
 Over voltage protection 115% ~ 145% of output voltage
 Setup, rise, hold up time. . . 2s,20ms,20ms/230VAC
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100M Ω (output) and (input,FG)
 Working temperature. 0-45°C@100%,-10°C@80%,60°C@60%
 (24V&48V 0-50°C@ 100%,60°C@ 60%)
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ,0.15mm amplitude at X,Y,Z axial for about 2H
 Shock. 294m/s²{30G}at 6 surfaces for three times
 Desire life. >8 years(load 50% at +40°C)
 Weight. 1.15kgs

※Type

Type No .	Output	ToI.	R & N	Effi.
SP-E320S005P-SB	5V 50A	±2%	150mV	77%
SP-E320S07P5-SB	7.5V 36A	±2%	150mV	80%
SP-E320S012P-SB	12V 25A	±1%	150mV	82%
SP-E320S13P5-SB	13.5V 22A	±1%	150mV	83%
SP-E320S015P-SB	15V 20A	±1%	150mV	84%
SP-E320S024P-SB	24V 12.5A	±1%	150mV	86%
SP-E320S027P-SB	27V 11A	±1%	200mV	86%
SP-E320S048P-SB	48 6.5A	±1%	240mV	87%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

100~200W Single Output of SP Series

FEATURES

- Enclosed cover available
- Power factor correction 0.98
- High efficiency; low ripple noise
- Soft start with limiting AC surge current
- Compact size, light weight
- Short circuit protection
- Over voltage protection
- Over load protection
- 100% full load burn-in test
- Approvals:CE/ CSA:219967-1426940

TECHNICAL DATA

Input voltage range85~264VAC; 47-63HZ.
 Input frequency 47~63HZ
 Output voltage refer to below table (± 10%AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 135% foldback current limiting, auto recovery
 Over voltage protection 115%~135% of output voltage
 Withstand voltage I/P-O/P:3KV, I/P-FG:1.5KV,OP/FG:0.5KV
 Insulation resistance >100MΩ (output) and (input,FG)
 Storage temperature -25~65℃
 Operation humidity 25~85%RH
 EMI Standards IEC-1000-3-2,3,FCC class B
 EMC Standards EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.375mm amplitude at X,Y,Z axial for about 2H
 Shock 294m/s²{30G}at 6 surfaces for three times
 Desire life >8 years (load 50% at +40℃)

PICTURES



※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E100S03P3-FE	3.3V : 20A	±2%	100mV	73%
SP-E100S005P-FE	5V : 20A	±2%	100mV	78%
SP-E100S07P5-FE	7.5V : 13.5A	±2%	100mV	78%
SP-E100S012P-FE	12V : 8.5A	±2%	100mV	82%
SP-E100S13P5-FE	13.5V: 7.5A	±2%	100mV	82%
SP-E100S015P-FE	15V : 6.7A	±2%	100mV	83%
SP-E100S024P-FE	24V : 4.2A	±1%	100mV	84%
SP-E100S027P-FE	27V : 3.8A	±1%	100mV	85%
SP-E100S048P-FE	48V : 2.1A	±1%	100mV	85%

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E150S03P3-FE	3.3V : 30A	±2%	100mV	74%
SP-E150S005P-FE	5V : 30A	±2%	100mV	79%
SP-E150S07P5-FE	7.5V : 20A	±2%	100mV	79%
SP-E150S012P-FE	12V : 12.5A	±2%	100mV	82%
SP-E150S13P5-FE	13.5V: 11.2A	±2%	100mV	82%
SP-E150S015P-FE	15V : 10A	±2%	100mV	83%
SP-E150S024P-FE	24V : 6.25A	±1%	100mV	84%
SP-E150S027P-FE	27V : 5.6A	±1%	100mV	85%
SP-E150S048P-FE	48V : 3.2A	±1%	100mV	85%

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E200S03P3-FE	3.3V : 40A	±2%	100mV	74%
SP-E200S005P-FE	5V : 40A	±2%	100mV	79%
SP-E200S07P5-FE	7.5V : 26.6A	±2%	100mV	79%
SP-E200S012P-FE	12V : 16.7A	±2%	100mV	82%
SP-E200S13P5-FE	13.5V: 14.8A	±2%	100mV	82%
SP-E200S015P-FE	15V : 13.4A	±2%	100mV	83%
SP-E200S024P-FE	24V : 8.4A	±1%	100mV	84%
SP-E200S027P-FE	27V : 7.4A	±1%	100mV	85%
SP-E200S048P-FE	48V : 4.2A	±1%	100mV	85%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

300W Single Output Switching Power Supply

PICTURE Case:I 230X115X50mm



FEATURES

- Built in PFC circuit (0.99)
- High efficiency, high reliability
- 100% full load burn-in test
- Cooling fan on/off automatically
- Short circuit/ over load / Over voltage/ over temp. Protected
- Universal AC input full range
- Approvals:CE/ CSA:219967-1426940
- 2 Years warranty

TECHNICAL DATA

Input voltage 88 ~ 264VAC universal input.
 Input current/frequency . . . 4A/115V, 2A/230V; 47-63Hz
 Inrush current 15A/115V,30A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output pulsing mode
 Over voltage protection. . . . 115% ~ 145% of output
 Setup, rise, hold up time . . . 1.5s,50ms,20ms/230VAC
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100MΩ (output) and (input,FG)
 Working temperature. 0-40°C@100%,-10°C@80%,50°C@50%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
 Shock 294m/s²{30G}at 6 surfaces for three times
 Desire.life >8 years(load 50% at +40°C)
 Weight 1.2kgs

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E300S005P-AB	5V : 50A	±2%	150mV	77%
SP-E300S07P5-AB	7.5V : 34A	±2%	150mV	81%
SP-E300S012P-AB	12V : 24A	±1%	150mV	84%
SP-E300S13P5-AB	13.5V : 21A	±1%	150mV	83%
SP-E300S015P-AB	15V : 19A	±1%	150mV	83%
SP-E300S024P-AB	24V : 12.5A	±1%	150mV	86%
SP-E300S027P-AB	27V : 11A	±1%	200mV	87%
SP-E300S048P-AB	48 : 6.25A	±1%	240mV	87%

500W single Output Switching Power Supply

PICTURE Case:C 185X120X92mm



FEATURES

- Built in PFC circuit (0.99)
- High efficiency, high reliability
- 100% full load burn-in test
- Cooling fan on/off automatically
- Built in remote control
- Short circuit/ over load / Over voltage/ over temp. Protected
- Universal AC input full range
- Approvals:CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

Input voltage 88 ~ 264VAC universal input.
 Input current/frequency . . . 7A/115V, 3.5A/230V; 47-63Hz
 Inrush current. 15A/115V,30A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output constant limiting
 Over voltage protection. . . . 115% ~ 140% of output voltage
 Setup, rise, hold up time . . . 1.5s,50ms,20ms/230VAC
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100MΩ (output) and (input,FG)
 Working temperature. 0-40°C@100%,-10°C@80%,50°C@60%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
 Shock 294m/s²{30G}at 6 surfaces for three times
 Desire life >8years (load 50% at +40°C)
 Weight. 1.8kgs

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E500S012P-AD	12V : 40A	±1%	150mV	84%
SP-E500S13P5-AD	13.5V : 36A	±1%	150mV	84%
SP-E500S015P-AD	15V : 32A	±1%	150mV	83%
SP-E500S024P-AD	24V : 20A	±1%	150mV	85.5%
SP-E500S027P-AD	27V : 18A	±1%	200mV	86.5%
SP-E500S048P-AD	48 : 10A	±1%	240mV	87%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

280W Parallel Switching Power Supply

PICTURE Case:G 155X150X86mm



FEATURES

- Low cost, high reliability
- High efficiency, low working temp.
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Cooling fan on/off automatically
- Parallel/ series operation is possible
- Short circuit/ over load / Over voltage/ over temp. Protected
- International AC input selected
- Approvals:CE/ CSA:219967-1426940
- 2 Years warranty

TECHNICAL DATA

Input voltage 90~132VAC/180~264VAC selected by sw.
 Input frequency 47-63Hz
 Inrush current Cold start,35A/ 230VAC
 Output voltage. 13.5V(12~15VADJ.),27V(24~30V AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output foldback limiting
 Over voltage protection. 115% ~ 135% of output voltage
 Setup, rise, hold up time. 200ms,50ms,10ms
 Withstand voltage. I/P-O/P:1.5KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100MΩ (output) and (input,FG)
 Working temperature. 0-50°C@100%,-10°C@80%,60°C@60%
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life >8 years (load 50% at +40°C)
 Weight. 1.43kgs

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E280S13P5-SA	13.5V : 20A	±1%	150mV	80%
SP-E280S027P-SA	27V : 10A	±1%	150mV	82%

300W parallel Switching Power Supply

PICTURE Case:C 185X120X92mm



FEATURES

- Built in PFC circuit (0.99)
- High efficiency, high reliability
- Built in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Cooling fan on/off automatically
- Parallel/ series operation is possible
- Built in remote control/ remote sense/ Power signal
- Short circuit/ over load / Over voltage/ over temp. Protected
- Universal AC input / full range
- Approvals:CE/ CSA:219967-1426940
- 2 Years warranty

TECHNICAL DATA

Input voltage 88 ~ 264VAC universal input.
 Input current/frequency 4.5A/115V, 2.3A/230V; 47-63Hz
 Inrush current. 15A/115V,30A/ 230V
 Output voltage. refer to below table (± 10% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 135% output constant limiting
 Over voltage protection. 115% ~ 140% of output voltage
 Setup, rise, hold up time. 1.5s,50ms,20ms/230VAC
 Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100MΩ (output) and (input,FG)
 Working temperature. 0-45°C@100%,-10°C@80%,50°C@80%
 (12V~13.5V 0-40°C@100%, 50°C@70%)
 Storage temperature. -25~65°C
 Operation humidity. 25~85%RH
 EMI Standards. IEC-1000-3-2,3,FCC class B
 EMC Standards. EN61000-4-2,3,4,5,
 Vibration 10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
 Shock 294m/s²{30G} at 6 surfaces for three times
 Desire life. >8 years (load 50% at +40°C)
 Weight. 1.6kgs

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E300S012P-AD	12V : 25A	±1%	200mV	82%
SP-E300S13P5-AD	13.5V : 22A	±1%	200mV	82%
SP-E300S024P-AD	24V : 12.5A	±1%	200mV	84%
SP-E300S027P-AD	27V : 11A	±1%	200mV	84%
SP-E300S048P-AD	48 : 6.5A	±1%	240mV	86%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

500~1500W Parallel With PFC Function

FEATURES

- Universal AC input/Full range
- PFC 0.98@115VAC;0.95@230VAC
- Current sharing up to 2000W
- Remote sense and ON-OFF control
- Forced air cooling by built-in DC fan
- Protections: short circuit/ Over load/over voltage/over temp.
- Power good and fail signal output
- Approvals: CE/ CSA:219967-1426940
- Open frame available(option)
- 3 years warranty

TECHNICAL DATA

AC input voltage range.....90~264VAC;127~370VDC
 DC adjust range.....-5~+10% of rated output voltage
 Ripple.....<2%(p-p)
 Over load protection.....115%~125%constant current,auto recovery
 Over voltage protection.....115%~140% of rated output voltage
 Set,rise,hold up time.....1500ms,50ms,15ms at full load and 230VAC
 Withstand voltage.....I/P-O/P:3KVAC,I/P-FG:1.5KVAC,1minute
 Working temperature.....0-50°C@100%,-10°C and 60°C @ 80%load
 Storage temperature.....-25~65°C
 Operation humidity.....25~85%RH
 EMI Standards.....IEC-1000-3-2,3,FCC classB
 EMC Standards.....EN61000-4-2,3,4,5,
 Vibration.....10~55HZ,0.15mm amplitude at X,Y,Z axial for about2H
 Shock.....294m/s² {30G} at 6 surfaces for three times
 Desire life.....>8years (load 50% at +40)

PICTURES



※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E500S005P-FD	5V : 0~80A	±2%	100mV	76%
SP-E500S012P-FD	12V : 0~41.5A	±1%	150mV	82%
SP-E500S13P5-FD	13.5V : 0~37A	±1%	150mV	82%
SP-E500S015P-FD	15V : 0~33A	±1%	150mV	82%
SP-E500S024P-FD	24V : 0~20.8A	±1%	150mV	84%
SP-E500S027P-FD	27V : 0~18.5A	±1%	150mV	84%
SP-E500S048P-FD	48V : 0~10.5A	±1%	200mV	86%

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E01KS005P-FD	5V : 0~145A	±2%	200mV	76%
SP-E01KS012P-FD	12V : 0~75.0A	±1%	200mV	82%
SP-E01KS13P5-FD	13.5V : 0~67.0A	±1%	200mV	82%
SP-E01KS015P-FD	15V : 0~60.0A	±1%	200mV	82%
SP-E01KS024P-FD	24V : 0~37.6A	±1%	200mV	84%
SP-E01KS027P-FD	27V : 0~33.6A	±1%	200mV	84%
SP-E01KS048P-FD	48V : 0~19.0A	±1%	200mV	86%

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E1K5S005P-FD	5V : 0~217.5A	±2%	200mV	76%
SP-E1K5S012P-FD	12V : 0~112.5A	±1%	200mV	82%
SP-E1K5S13P5-FD	13.5V : 0~100.5A	±1%	200mV	82%
SP-E1K5S015P-FD	15V : 0~90.0A	±1%	200mV	82%
SP-E1K5S024P-FD	24V : 0~56.4A	±1%	200mV	84%
SP-E1K5S027P-FD	27V : 0~50.4A	±1%	200mV	84%
SP-E1K5S048P-FD	48V : 0~28.5A	±1%	200mV	86%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

600~800W Parallel Switching Power Supply

PICTURE 291X132X68mm



FEATURES

- AC input range selected by switch
- Protections: short circuit/ over voltage/over load/over temp.
- High reliability/ Low ripple noise
- Built-in remote sense function
- Built-in remote ON-OFF control
- With parallel function(N+1)
- Can adjust from 10~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- Case coating with paint
- Approvals: CE/ CSA: 219967-1426940
- 2 years warranty

TECHNICAL DATA

AC input voltage.....100~130V/200~260VAC selected by switch
(200~260VAC for SCN-800 series)
AC input current.....7A for 600W and 8.0 for 800W @230VAC
Dc adjust range.....±5% of rated output voltage
Load regulation.....±1% from 0~100% load
Ripple.....<2%(p-p)
Over load protection.....110~135%, shutoff, AC recycle to re-start
Over voltage protection.....120~145% of rated output voltage
Working temperature.....-10°C~+50°C @ 100%, 60°C @70% load
Withstand voltage.....I/P-O/P, I/P-FG: 1500VAC for 1 minute.
Storage temperature.....-25~65°C
Operation humidity.....25~85%RH
EMI Standards.....IEC-1000-3-2,3, FCC class B
EMC Standards.....EN61000-4-2,3,4,5,
Vibration.....10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
Shock.....294m/s² {30G} at 6 surfaces for three times
Desire life.....>8years (load 50% at +40)
Weight/packing.....2.7kgs/pcs; 8pcs/24kgs/CTN

※ Type

Type No.	Output	Tol.	R & N	Effi.
SP-E600S005P-SC	5V : 0~100A	±2%	2%	77%
SP-E600S012P-SC	12V : 0~50.0A	±1%	1%	80%
SP-E600S015P-SC	15V : 0~40.0A	±1%	1%	81%
SP-E600S018P-SC	18V : 0~33.3A	±1%	1%	82%
SP-E600S024P-SC	24V : 0~25.0A	±1%	1%	85%
SP-E600S048P-SC	48V : 0~12.0A	±1%	1%	87%
SP-E800S012P-SC	12V : 0~66.0A	±1%	1%	80%
SP-E800S015P-SC	15V : 0~54.0A	±1%	1%	81%
SP-E800S024P-SC	24V : 0~33.0A	±1%	1%	85%
SP-E800S048P-SC	48V : 0~16.6A	±1%	1%	87%

1200W Parallel Switching Power Supply

PICTURE 291X132X132mm



FEATURES

- AC 200~260V input only
- Protections: short circuit/ over voltage/over load/ over temp.
- High reliability/ Low ripple noise
- Built-in remote sense function
- Built-in remote ON-OFF control
- With parallel function(N+1)
- Can adjust from 10~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- Case coating with paint
- Approvals: CE/ CSA: 219967-1426940
- 2 years warranty

TECHNICAL DATA

AC input voltage.....200~260VAC
AC input current.....11A @ 230VAC
DC adjust range.....±5% of rated output voltage
Load regulation.....±1% form 0~100% load
Ripple.....<2%(p-p)
Over load protection.....110~135%, shutoff, AC recycle to re-start
Over load protection.....120~140% of rated output voltage
Working temperature.....-10°C~+50°C @100%, 60°C @70% load
Withstand voltage.....I/P-O/P, I/P-FG: 1500VAC for 1 minute
Storage temperature.....-25~65°C
Operation humidity.....25~85%RH
EMI Standards.....IEC-1000-3-2,3, FCC class B
EMC Standards.....EN61000-4-2,3,4,5,
Vibration.....10~55HZ, 0.15mm amplitude at X,Y,Z axial for about 2H
Shock.....294m/s² {30G} at 6 surfaces for three times
Desire life.....>8years (load 50% at +40)
Weight/ packing.....4.6kgs/pcs; 4pcs/20kgs/CTN

※ Type

Type No.	Output	Tol.	R & N	Effi.
SP-E1K2S005P-FC	5V : 0~180A	±2%	2%	77%
SP-E1K2S012P-FC	12V : 0~100A	±1%	1%	83%
SP-E1K2S015P-FC	15V : 0~80.0A	±1%	1%	85%
SP-E1K2S024P-FC	24V : 0~50.0A	±1%	1%	85%
SP-E1K2S048P-FC	48V : 0~24.0A	±1%	1%	87%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

1500W Parallel Switching Power Supply

PICTURE 291x132x132mm



FEATURES

- AC 200~260V input only
- Protections: short circuit/ over voltage/over load/ over temp.
- High reliability/ Low ripple noise
- Built-in remote sense function
- Built-in remote ON-OFF control
- With parallel function(N+1)
- Can adjust from 10~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- Case coating with paint
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

AC input voltage.....200~260VAC
 AC input current 12A @ 230VAC
 DC adjust range.....±5% of rated output voltage
 Load regulation.....±1% for m 0~100% load
 Ripple.....<2%(p-p)
 Over load protection.....110~135%,shutoff,AC recycle to re-start
 Over voltage protection.....120~145% of rated output voltage
 Working temperature.....-10°C~+50°C @100%,60°C @60% load
 Withstand voltage.....I/P-O/P,I/P-FG: 1500VAC for 1minute
 Storage temperature.....-25~65°C
 Operation humidity.....25~85%RH
 EMI Standards.....IEC-1000-3-2,3,FCC class B
 EMC Standards.....EN61000-4-2,3,4,5,
 Vibration.....10~55HZ,0.15mm amplitude at X,Y,Z axial for about2H
 Shock.....294m/s² {30G} at 6 surfaces for three times
 Desire life.....>8years (load 50% at +40)
 Weight/ packing.....4.6kgs/pcs;4pcs/20kgs/CTN

※ Type

Type No .	Output	ToI.	R & N	Effi.
SP-E1KS012P-FC	12V : 0~125A	±1%	1%	83%
SP-E1KS015P-FC	15V : 0~100A	±1%	1%	84%
SP-E1KS024P-FC	24V : 0~62.5A	±1%	1%	85%
SP-E1KS048P-FC	48V : 0~32A	±1%	1%	87%

2KW Parallel Switching Power Supply

PICTURE 320x212x134mm



FEATURES

- AC input 200~260VAC,3 φ 4wires
- Protections: short circuit/ over voltage/over load/over temp.
- High reliability;Low ripple noise
- Built-in remote sense function
- Built-in remote ON-OFF control
- With parallel function(N+1)
- Can adjust from 10~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- Case coating with paint
- Approvals: CE/ CSA:219967-1426940
- 2 years warranty

TECHNICAL DATA

AC Input voltage.....200~260VAC,3 φ 4wires
 AC Input current..... 10A for@230VAC;1 φ
 DC adjustment range.....±5% of rated output voltage
 Load regulation.....±2% from 0~100% load
 Ripple.....<2%(p-p)
 Over load protection..... 110~135%,shutoff,AC recycle to re-start
 Over voltage protection.....120~145% of rated output voltage
 Working temperature.....-10°C~+50°C@100%,60°C @70%load
 Withstand voltage..... /P-O/P,I/P-FG: 1500VAC for 1minute
 Storage temperature.....-25~65°C
 Operation humidity.....25~85%RH
 EMI Standards.....IEC-1000-3-2,3,FCC class B
 EMC Standards.....EN61000-4-2,3,4,5,
 Vibration.....10~55HZ,0.15mm amplitude at X,Y,Z axial for about2H
 Shock.....294m/s² {30G} at 6 surfaces for three times
 Desire life.....>8years (load 50% at +40)
 Weight/ packing..... 9.0kgs/pcs;1 pcs/10kgs/CTN

※ Type

Type No .	Output	ToI.	R & N	Effi.
SP-E02KS005P-FC	5V : 0~250A	±3%	3%	78%
SP-E02KS012P-FC	12V : 0~167A	±2%	2%	84%
SP-E02KS015P-FC	15V : 0~134A	±2%	2%	84%
SP-E02KS024P-FC	24V : 0~83.5A	±1%	1%	85%
SP-E02KS048P-FC	48V : 0~42.0A	±1%	1%	86%

ENCLOSED SWITCHING POWER SUPPLY-SINGLE OUTPUT

EMI & PFC Filter

PICTURE

132X60X46mm



Instruction

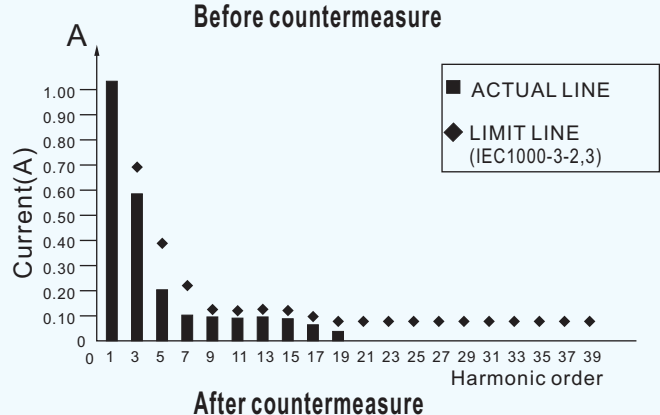
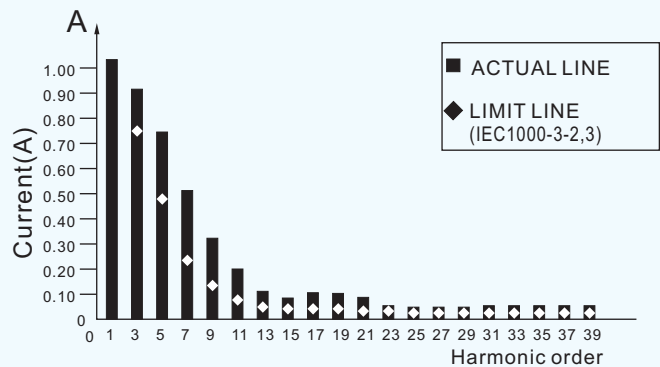
PLF-2000 series are developed on the basis of environment protection. It can efficiently solve EMC & harmonic current problems caused by electronic products. with PLF-2000, your products will meet harmonic current regulation (IEC-1000-3-2,3) and also improve immunity (EN61000-4-2,3,4,5) EMI conduction (FCC class B) greatly.

TECHNICAL DATA

MAX. input power - - - - - 200W
 Attenuation. - - - - - -20dB
 (Frequency:0.15~30MHZ, measurement condition:CISPR PUB.17,50Ω /50Ω)
 Operating temperature - - - - -25°C~85°C
 (derating output at 2.5% per degree from 50°C~85°C)
 Operating humidity - - - - -30~95% RH (no dewdrop)
 EMI Standards - - - - - IEC-1000-3-2,3,FCC class B
 EMC Standards - - - - - EN61000-4-2,3,4,5,
 Vibration- - - - -10~55HZ, 0.375mm amplitude at X,Y,Z axial for about 2H
 Shock- - - - -294m/s²{30G} at 6 surfaces for three times
 Desire life- - - - ->8years
 Withstand voltage - - - - -1500VAC 1min.(input & output-FG)
 Insulation resistance - - - - ->100MΩ (output) and (input,FG)
 Weight - - - - - 550gs

Characteristic of harmonic collector

(Test conditions: Vin=230VAC, Win=200W, Ta=25°C)



Type No .	Input Voltage	Rated Current	Leakage Current
PLF-2001	90~132VAC	3A	0.27mV
PLF-2002	190~265VAC	1.2A	0.5mV