

ENCLOSED SWITCHING POWER SUPPLY-TRIPLE OUTPUT

30W Triple 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 (CH: +10,-5% AD J.)
 Ripple <2%(p-p)
 Over load 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 time
 Desire life >8 years (load 50 % at +40°C)
 Weight 0.4kgs

※ Type

Type No .	Output	Tol.	R & N	Effi .
SP-E030T005N-SA	5V : 0.5-3A	±2%	50mV	70%
	12V : 0.1-1A	+2,-6%	100mV	
	-5V :0.1-0.5A	+2,-10%	50mV	
SP-E030T012N-SA	5V : 0.5-3A	±2%	50mV	72%
	12V : 0.1-1A	+2,-6%	100mV	
	-12V :0.1-0.5A	±6%	100mV	

40W Triple 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 20A/115V,40A/ 230V
 Output voltage refer to below table (CH1:+10,-5% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150%/115VAC output pulsing mode
 Over voltage protection CH1:115% ~ 135% of output voltage
 Setup, rise, hold up time 1.6s,50ms, 16ms/115VAC
 800ms,50ms,60ms/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	Tol.	R & N	Effi .
SP-E040T005N-FB	5V : 0.6-3A	±2%	100mV	72%
	12V : 0.2-2A	±6%	120mV	
	-5V : 0.1-0.5A	±8%	100mV	
SP-E040T012N-FB	5V : 0.6-3A	±2%	100mV	72%
	12V : 0.2-2A	±6%	120mV	
	-12V : 0.1-0.5A	±8%	120mV	
SP-E040T015N-FB	5V : 0.6-3A	±2%	100mV	72%
	15V : 0.2-1.5A	±6%	120mV	
	-15V : 0.1-0.5A	±6%	120mV	

ENCLOSED SWITCHING POWER SUPPLY-TRIPLE OUTPUT

50W Triple Output Switching Power Supply

PICTURE Case:A 159X97X38mm



FEATURES

- Low cost, high reliability
- 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, 20A/115V, 40A/ 230V
 Output voltage refer to below table (CH1:+10, -5% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150% output foldback limiting
 Setup, rise, hold up time 200ms, 50ms, 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 0-45°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 6surfaces for three times
 Desire life >8years (load 50% at +40°C)
 Weight 0.54kgs

※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E050T005N-SA	5V : 0-7A	±2%	100mV	66%
	12V : 0-1A	±5%	100mV	
	-5V : 0-1A	±5%	100mV	
SP-E050T012N-SA	5V : 0-5A	±2%	100mV	69%
	12V : 0-1A	±5%	100mV	
	-12V : 0-1A	±5%	100mV	
SP-E050T015N-SA	5V : 0-4A	±2%	100mV	73%
	15V : 0-1A	±5%	100mV	
	-15V : 0-1A	±5%	100mV	
SP-E050T024P-SA	5V : 0.6-3A	±2%	50mV	75%
	12V : 0.2-1A	±6%	120mV	
	24V : 0.2-1A	±6%	120mV	

60W Triple Output Switching Power Supply

PICTURE Case:A 159x97x38mm



FEATURES

- High efficiency, high reliability
- 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 (CH1:+10, -5% AD J.)
 Ripple <2%(p-p)
 Overload protection 105% ~ 150%/115VAC output pulsing mode
 Over voltage protection CH1:115% ~ 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 0-45°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 0.56kgs

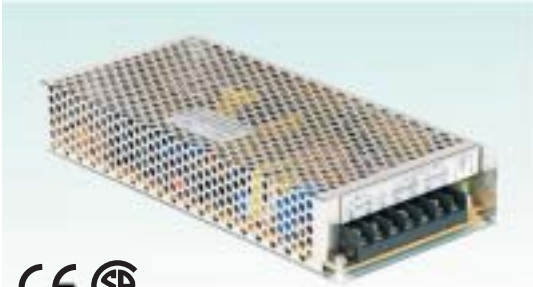
※ Type

Type No .	Output	ToI.	R & N	Effi .
SP-E060T005N-FB	5V : 0.5-5A	±2%	100mV	72%
	12V : 0.2-2.5A	±6%	100mV	
	-5V : 0-0.5A	±6%	100mV	
SP-E060T012N-FB	5V : 0.5-5A	±2%	100mV	72%
	12V : 0.2-2.5A	±6%	100mV	
	-12V : 0-0.5A	±6%	100mV	
SP-E060T015N-FB	5V : 0.5-5A	±2%	100mV	72%
	15V : 0.2-2A	±6%	100mV	
	-15V : 0-0.5A	±6%	100mV	

ENCLOSED SWITCHING POWER SUPPLY-TRIPLE OUTPUT

80W Triple 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 auto change
- Approvals: CE/ CSA:219967-1426940
- 1 year warranty

TECHNICAL DATA

Input voltage. 88 ~ 132VAC/176 ~ 264VAC auto change
 Input frequency. 47-63Hz
 Inrush current. cold start.20A/115V,40A/230V
 Output voltage. refer to below table (CH1:+10, -5% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 150% output pulsing mode
 Over voltage protection. . . CH1:115% ~ 135% 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. >100MΩ (output) and (input,FG)
 Working temperature. 0-45°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. 0.67kgs

※ Type

Type No .	Output	ToI.	R & N	Effi.
SP-E080T024P-AB	5V : 0.8-4A	±2%	100mV	77%
	12V : 0.1-2A	±6%	120mV	
	24V : 0.1-1.5A	±6%	120mV	

100W Triple Output Switching Power Supply

PICTURE Case:D 199x100x50mm



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 protected
- International AC input selected
- Approvals: CE/ CSA:219967-1426940
- 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 (CH1:+10, -5% AD J.)
 Ripple. <2%(p-p)
 Overload protection. 105% ~ 150% output shutdown
 Setup, rise, hold up time. . . 200ms, 50ms, 16ms
 Withstand voltage. I/P-O/P:1.5KV, I/P-FG:1.5KV,1min
 Insulation resistance. >100MΩ (output) and (input,FG)
 Working temperature. 0-45°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. 0.83kgs

※ Type

Type No .	Output	ToI.	R & N	Effi.
SP-E100T015N-SC	5V : 2-10A	±2%	80mV	77%
	15V : 0.2-3A	±6%	150mV	
	-15V : 0.1-0.5A	±6%	150mV	
SP-E100T024P-SC	5V : 2-6A	±2%	80mV	79%
	12V : 0.1-2A	±6%	150mV	
	24V : 0.2-2A	±6%	150mV	

ENCLOSED SWITCHING POWER SUPPLY-TRIPLE OUTPUT

115W Triple Output Switching Power Supply

PICTURE Case:D 199X110X50mm



FEATURES

- Low cost,high reliability
- High efficiency, low working temp.
- 100% full load burn-in test
- Short circuit/ over load/ over voltage protected
- Approvals:CE/ CSA:219967-1426940
- International AC input range

TECHNICAL DATA

Input voltage. 88 ~ 132VAC/170 ~ 264VAC selected by sw.
Input frequency. 47-63Hz
Inrush current. cold start, 30A/115V,60A/230V
Output voltage. refer to below table (± 5%AD J.)
Ripple. <2%(p-p)
Overload protection. 105% ~ 150% pulsing mode,auto recovery
Over voltage protection. 115% ~ 135% of output voltage
Setup, rise, hold up time. 900ms, 20ms, 10ms
Withstand voltage. I/P-O/P:3KV, I/P-FG:1.5KV
Insulation resistance. >100MΩ (output) and (input,FG)
Working temperature. -10-+40°C@80%,50°C@60%,
0-+50°C@100% with cooling fan
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)
Weight 0.78kgs

※Type

Type No .	Output	ToI.	R & N	Effi.
SP-E115T012P-SF	5V : 10A	±4%	80mV	71%
	3.3V : 12A	±2%	80mV	
	12V : 2A	±2%	100mV	