

# Switching Power Supply

## S-15W-12



### Feature:

- 15W Single Output Switching Power Supply
- Output voltage & current: DC12V 1.25A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-15W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-1.25A
	Wave and Noise	120mVp-p
	DC output Power	15W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.14A/115V, 0.07A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	70*39*31mm (L*W*H)
	Weight	0.06kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-25W-12



### Feature:

- 25W Single Output Switching Power Supply
- Output voltage & current: DC12V 2.1A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature



### Specification:

	Model	S-25W-12
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-2.1A
	Wave and Noise	120mVp-p
	DC output Power	25W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.24A/115V, 0.12A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	85*59*33mm (L*W*H)
	Weight	0.13kg
<b>Notes</b>	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</li> </ol>	

# Switching Power Supply

## S-38W-12



### Feature:

- 38W Single Output Switching Power Supply
- Output voltage & current: DC12V 3.2A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-38W-12	
Output	DC output Voltage	12V±1%
	Output Current Range	0-3.2A
	Wave and Noise	120mVp-p
	DC output Power	38W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
Input	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.36A/115V, 0.18A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
Protection	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
Environment	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
Safety	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
Standard	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
Other	Dimension	110*78*37mm (L*W*H)
	Weight	0.18kg
Notes	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</li> </ol>	

# Switching Power Supply

## S-60W-12A

### Feature:

- 60W Single Output Switching Power Supply
- Output voltage & current: DC12V 5A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature



CE FC



### Specification:

Model	S-60W-12A	
Output	DC output Voltage	12V±1%
	Output Current Range	0-5A
	Wave and Noise	120mVp-p
	DC output Power	60W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
Input	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.54A/115V, 0.27A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
Protection	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
Environment	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
Safety	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
Standard	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
Other	Dimension	110*78*37mm (L*W*H)
	Weight	0.21kg
Notes	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</li> </ol>	

# Switching Power Supply

## S-60W-12B



### Feature:

- 60W Single Output Switching Power Supply
- Output voltage & current: DC12V 5A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-60W-12B	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-5A
	Wave and Noise	120mVp-p
	DC output Power	60W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.54A/115V, 0.27A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	160*100*42mm (L*W*H)
	Weight	0.41kg
<b>Notes</b>	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</li> </ol>	

# Switching Power Supply

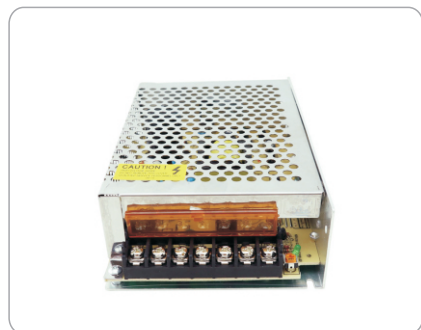
## S-100W-12



### Feature:

- 100W Single Output Switching Power Supply
- Output voltage & current: DC12V 8.5A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-100W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-8.5A
	Wave and Noise	120mVp-p
	DC output Power	100W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	0.88A/115V, 0.44A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	160*100*42mm (L*W*H)
	Weight	0.45kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-120W-12



### Feature:

- 120W Single Output Switching Power Supply
- Output voltage & current: DC12V 10A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-120W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-10A
	Wave and Noise	120mVp-p
	DC output Power	120W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	1.1A/115V, 0.55A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	200*100*43mm (L*W*H)
	Weight	0.51kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-180W-12



### Feature:

- 180W Single Output Switching Power Supply
- Output voltage & current: DC12V 15A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-180W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-15A
	Wave and Noise	120mVp-p
	DC output Power	180W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	1.32A/115V, 0.66A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	200*100*43mm (L*W*H)
	Weight	0.53kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	



# Switching Power Supply

## S-200W-12



### Feature:

- 200W Single Output Switching Power Supply
- Output voltage & current: DC12V 16.7A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-200W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-16.7A
	Wave and Noise	120mVp-p
	DC output Power	200W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	1.75A/115V, 0.88A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	200*100*43mm (L*W*H)
	Weight	0.54kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-250W-12



### Feature:

- 250W Single Output Switching Power Supply
- Output voltage & current: DC12V 21A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-250W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-21A
	Wave and Noise	120mVp-p
	DC output Power	250W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	2.2A/115V, 1.1A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	200*110*50mm (L*W*H)
	Weight	0.63kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-360W-12



### Feature:

- 360W Single Output Switching Power Supply
- Output voltage & current: DC12V 30A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Forced air Cooling by built-in DC fan
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-360W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-30A
	Wave and Noise	120mVp-p
	DC output Power	360W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	3.2A/115V, 1.6A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	215*113*50mm (L*W*H)
	Weight	0.72kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-400W-12



### Feature:

- 400W Single Output Switching Power Supply
- Output voltage & current: DC12V 33.3A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Forced air Cooling by built-in DC fan
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-400W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-33.3A
	Wave and Noise	120mVp-p
	DC output Power	400W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	3.5A/115V, 1.75A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	215*113*50mm (L*W*H)
	Weight	0.78kg
<b>Notes</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</p>	

# Switching Power Supply

## S-600W-12



### Feature:

- 600W Single Output Switching Power Supply
- Output voltage & current: DC12V 50A
- Input voltage range: 85~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Forced air Cooling by built-in DC fan
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



### Specification:

Model	S-600W-12	
<b>Output</b>	DC output Voltage	12V±1%
	Output Current Range	0-50A
	Wave and Noise	120mVp-p
	DC output Power	600W
	Efficiency	85%
	DC Voltage Adjustable Scope	(at full load)≤0.5%
<b>Input</b>	Voltage Range	85~264VAC 47-63Hz
	Input Current	5.3A/115V, 3.15A/230V
	Leakage Current	<1mA/ 240VAC
	Inrush Current	Cold start 20A/120VAC, 40A/230VAC
<b>Protection</b>	Over-load	105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed
	Over-voltage	105%---150% Rated Voltage, Protection type: Shut off
	High-temperature	RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V)
<b>Environment</b>	Working temperature & humidity	-10°C~+50°C, 20~90%RH
	Store temperature & humidity	-20°C~+85°C, 10~95%RH
	Temperature coefficient	±0.03%/°C(0~50°C)
	Vibration	10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES
<b>Safety</b>	Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC
<b>Standard</b>	CE EMC Standard	EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013
	CE LVD Standard	EN61347-2-13:2014+A1:2017, EB61347-1:2015
	ROHS Standard	IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc.
<b>Other</b>	Dimension	242*123*65mm (L*W*H)
	Weight	1.05kg
<b>Notes</b>	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure</li> </ol>	