LED rainproof power supply 50W

- ·170~264VAC AC input
- ·Small volume, low weight, high efficiency
- ·Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level ·100% full load burn-in test
- ·2 Year warranty



		FS-50W	,				
Model		FS-50-12	FS-50-15	FS-50-24	FS-50-36		
	DC voltage	12V	15V	24V	36V		
	Voltage tolerance	±1%	±1%	±1%	±1%		
	Rated current	4.2A	3.4A	2.1A	1.4		
OUTPUT	Current range	0~4.2A	0~3.4A	0~2.1A	0~1.4A		
OUTPUT	Rated power	50.4W	51W	50.4W	50.4W		
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p		
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%		
	Voltage range		170~264VAC,	255~373VDC			
	Frequency	47~63Hz					
INPUT	AC current		0.6A/23	0VAC			
INPUI	Efficiency	82%	82%	84%	85%		
	Inrush current	Cold start current 30A/230VAC					
	Leakage current	< 3.5mA/240VAC					
PROTECTION	Overload	Rated output power115%~150% start over load protection protection type: hiccup mode, auto-recovery after fault					
		condition is removed					
ENVIRONMEN	Working temp,humidity	-10°C~+60°C, 20%~90%RH					
T	Storagetemp,humid	-20°C~+85°C, 10%~95%RH non-condensing					
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each					
SAFETY	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC					
SAFETT	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC					
FITSTANDARD	Safety standard	Fit UL1012 IP44					
TIISTANDARD	EMC standard		meet EN55022	2, CLASSA			
OTHERS	Dimension	141*111*50mm (L*W*H)					
OTTILAS	Weight/packing	0.68kg/40pcs/28.2kg/0.046m ³ /1.64CUFT					
NOTE	1. All parameters NO load and 25 °C of am			ared at 230VAC	input, rated		
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pairwire terminated with a 0.1uf & 47uf parallel capacitor.						
	3. Tolerance : includes set up tolerance, line regulation and load regulation.						

LED rainproof power supply 100W

- ·170~264VAC AC input
- ·Small volume, low weight, high efficiency
- ·Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level
- ·100% full load burn-in test
- ·2 Year warranty



FS-100W						
Model		FS-100-12	FS-100-15	FS-100-24	FS-100-36	
	DC voltage	12V	15V	24V	36V	
	Voltage tolerance	±1%	±1%	±1%	±1%	
	Rated current	8.5A	6.7A	4.2A	2.8	
OUTPUT	Current range	0~8.5A	0~6.7A	0~4.2A	0~2.8A	
OUTFUT	Rated power	102W	100.5W	100.8W	100.8W	
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p	
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%	
	Voltage range		170~264VAC,	255~373VDC		
	Frequency		47~63	BHz		
INPUT	AC current		1.2A/23	0VAC		
INFUI	Efficiency	82%	82%	84%	85%	
	Inrush current	Cold start current 45A/230VAC				
	Leakage current	< 3.5mA/240VAC				
		Rated output power115%~150% start over load pro			ad protection	
DDOTECTION.	Overload	protection type: hiccup mode, auto-recovery after fault condition is removed				
PROTECTION		15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V	
	Over voltage	protection type: hiccup mode, auto-recovery after fault condition is removed				
ENVIRONME	Working temp,humidity	-10℃~+60℃,20%~90%RH				
NT	Storagetemp,humid	-20°C~+85°C, 10%~95%RH non-condensing				
	Withstand vibration	10~500Hz, 2G 10min/1cycle, period for 60 minutes, each axes				
SAFETY	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
SAPETT	Isolated resistance	I/P-O/P,I	/P-FG,O/P-FG:	100M ohms/50	00VDC	
FITSTANDAR	Safety standard		Fit UL101	12 IP44		
DS	EMC standard		meet EN5502	2, CLASSA		
OTHERS	Dimension	206*125*50mm (L*W*H)				
OTTERS	Weight/packing	0.87kg/20pcs/18.5kg/0.039m ³ /1.36CUFT				
	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.					
NOTE	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pairwire terminated with a 0.1uf & 47uf parallel capacitor.					
	3. Tolerance : includes set up tolerance, line regulation and load regulation.					

LED rainproof power supply 150W

- ·170~264VAC AC input
- ·Small volume, low weight, high efficiency
- ·Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level
- ·100% full load burn-in test
- ·2 Year warranty



		FS-150W	Ţ			
Model FS-150-12 FS-150-15 FS-150-24 FS-150-36						
DC voltage		12V	15V	24V	36V	
			±1%			
	Voltage tolerance	±1%		±1%	±1%	
	Rated current	12.5A	10A	6.5A	4.2	
OUTPUT	Current range	0~12.5A	0~10A	0~6.5A	0~4.2A	
	Rated power	150W	150W	156W	151.2W	
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p	
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%	
	Voltage range	1	70~264VAC,	255~373VDC		
	Frequency		47~63	BHz		
INPUT	AC current	1.8A/230VAC				
INFUI	Efficiency	82%	82%	84%	85%	
	Inrush current	C	old start current	45A/230VAC		
	Leakage current		< 3.5 mA/2	240VAC		
		Rated output power105%~135% start over load protection				
PROTECTION	Overload	protection type: hiccup mode,auto-recovery after fault condition is removed				
PROTECTION		15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V	
	Over voltage	protection type: hiccup mode, auto-recovery after fault condition is removed				
ENVIRONMEN	Working temp,humidity	-10℃~+60℃,20%~90%RH				
T	Storagetemp,humid	-20°C~+85°C, 10%~95%RH non-condensing				
	Withstand vibration					
CAPETY	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
SAFETY	Isolated resistance	I/P-O/P,I	P-FG,O/P-FG:	100M ohms/50	00VDC	
FITSTANDARD	Safety standard		Fit UL101	2 IP44		
S	EMC standard		meet EN5502	2, CLASSA		
	Dimension	206*125*50mm (L*W*H)				
OTHERS	Weight/packing	0.87kg/20pcs/18.5kg/0.039m ³ /1.36CUFT				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 ℃ of ambient temperature.					
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pairwire terminated with a 0.1uf & 47uf parallel capacitor.					
	3. Tolerance : includes set up tolerance, line regulation and load regulation.					

LED rainproof power supply 200W

- ·170~264VAC AC input
- Small volume, low weight, high efficiency Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level
- ·100% full load burn-in test
- ·2 Year warranty



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	* 1 1	FS-200W		72 - 22 - 1	70.000	
Model		FS-200-12	FS-200-15	FS-200-24	FS-200-36	
	DC voltage	12V	15V	24V	36V	
	Voltage tolerance	±1%	±1%	±1%	±1%	
	Rated current	16.6A	13A	8.3A	5.5	
OUTPUT	Current range	0~16.6A	0~13A	0~8.3A	0~5.5A	
001101	Rated power	199.2W	195W	199.2W	198W	
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	200mvp-p	
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%	
	Voltage range	1	70~264VAC,	255~373VDC		
	Frequency		47~63	BHZ		
INPUT	AC current	2.5A/230VAC				
INPUI	Efficiency	82%	82%	84%	85%	
	Inrush current	C	old start current	45A/230VAC		
	Leakage current		< 3.5 mA/2	240VAC		
		Rated output power105%~135% start over load protection				
PROTECTION	Overload	protection type: hiccup mode, auto-recovery after fault condition is removed				
THOTEOTION		15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V	
	Over voltage	protection type: hiccup mode, auto-recovery after f condition is removed				
ENVIRONMEN	Working temp,humidity	-	10°C∼+60°C,	20%~90%RH		
T	Storagetemp,humid	-20°C ~+85°C, 10%~95%RH non-condensing				
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each				
CAPPEN	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
SAFETY	Isolated resistance	I/P-O/P,I/	P-FG,O/P-FG:	100M ohms/50	00VDC	
FITSTANDARD	Safety standard	Fit UL1012 IP44				
S	EMC standard	meet EN55022, CLASSA				
OTHERS	Dimension	206*125*50mm (L*W*H)				
OTHERS	Weight/packing	0.9kg/20pcs/19kg/0.039m ³ /1.36CUFT				
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.				input, rated	
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pairwire terminated with a 0.1uf & 47uf parallel capacitor.					
	3. Tolerance : includes set up tolerance, line regulation and load regulation.					

LED rainproof power supply 250W

- ·170~264VAC AC input
- ·Small volume, low weight, high efficiency
- ·Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level
- ·100% full load burn-in test
- ·2 Year warranty



		FS-250W	Ţ				
N	Model	FS-250-12	FS-250-15	FS-250-24	FS-250-36		
	DC voltage	12V	15V	24V	36V		
	Voltage tolerance	±1%	±1%	±1%	±1%		
	Rated current	20A	16A	10A	7		
	Current range	0~20A	0~16A	0~10A	0~7A		
OUTPUT	Rated power	240W	240W	240W	252W		
	Ripple&noise	150mvp-p	150mvp-p	200mvp-p	200mvp-p		
	DCvoltage	±10%	±10%	±10%	• •		
	ADJ.range				±10%		
	Voltage range	1	80~264VAC,	255~373VDC			
	Frequency		47~63				
	AC current	2.8A/230VAC					
INPUT	Efficiency	82%	82%	84%	85%		
	Inrush current	С	old start current	50A/230VAC			
	Leakage current		< 3.5mA/2	240VAC			
	Č	Rated output power105%~135% start over load protection					
	Overload	protection type:hiccup mode,auto-recovery after fault condition is					
		removed					
	Over voltage	15.6~17.8V	18.6~20.8V		42.6~44.2V		
PROTECTION		protection type: h			ault condition is		
		TSW1detect on h	eatsink of power		±5°C, start over		
	0	temperature protection					
	Over temperature	protection type: hiccup mode, auto-recovery after temperature					
		become normal					
	Working	-10°C~+60°C, 20%~90%RH					
ENVIRONMEN	temp,humidity	-10 C~+60 C, 20%~90%RH					
T	Storagetemp,humid	-20°C~+	85℃,10%~95	%RH non-cond	lensing		
	Withstand vibration	10~500Hz, 2G	10min/1cycle,	period for 60 r	ninutes, each		
SAFETY	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC					
SAFETT	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC					
FITSTANDARD	Safety standard		Fit UL101	2 IP44			
S	EMC standard	meet EN55022, CLASSA					
OTHER	Dimension	236*135*65mm (L*W*H)					
OTHERS	Weight/packing	1.35kg/12pcs/17kg/0.039m³/1.36CUFT					
	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and						
	25℃ of ambient temperature.						
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire						
	terminated with a 0.1uf & 47uf parallel capacitor.						
	3. Tolerance : includes set up tolerance, line regulation and load regulation.						

LED rainproof power supply 350W

·170~264VAC AC input

·Small volume, low weight, high efficiency

·Protections: short circuit/over load

·Cooling by free air convection

·Fully encapsulated with IP44 level ·100% full load burn-in test

·2 Year warranty



FS-350W							
Model		FS-350-12	FS-350-15	FS-350-24	FS-350-36		
	DC voltage	12V	15V	24V	36V		
	Voltage tolerance	±1%	±1%	±1%	±1%		
	Rated current	29A	23.2A	14.5A	10		
	Current range	0~29A	0~23.2A	0~14.5A	0~10A		
OUTPUT	Rated power	348W	348W	348W	360W		
	Ripple&noise	150mvp-p	150mvp-p	200mvp-p	200mvp-p		
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%		
	Voltage range		180~264VAC,	255~373VDC			
	Frequency	47~63Hz					
INPUT	AC current	3.5A/230VAC					
INPUI	Efficiency	82%	82%	84%	85%		
	Inrush current	Cold start current 50A/230VAC					
	Leakage current		< 3.5 mA/2	240VAC			
	Overload	Rated output power110%~135% start over load protection protection type: hiccup mode, auto-recovery after fault condition is removed					
		15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V		
PROTECTION	Over voltage	protection type: h	ault condition is				
	Over temperature	TSW1detect on heatsink of power transistor≥85°C±5°C, start temperature protection					
		protection type: hiccup mode, auto-recovery after temperature become normal					
	Working	-10°C~+60°C, 20%~90%RH					
ENVIRONMEN	temp,humidity	-10 C~+00 C, 20%~90% KH					
T	Storagetemp,humid	-20°C∼+	85℃,10%~95	%RH non-cond	lensing		
	Withstand vibration	10~500HZ, 2G		*			
SAFETY	Withstand voltage	I/P-O/P: 1.5KV	AC I/P-FG: 1	.5KVAC O/P-F	G: 0.5KVAC		
SALLII	Isolated resistance	I/P-O/P,I	P-FG,O/P-FG:	100M ohms/5	00VDC		
FITSTANDARD	Safety standard		Fit UL101	12 IP44			
S	EMC standard	meet EN55022,CLASSA					
OTHERS	Dimension	236*135*65mm (L*W*H)					
OTHERS	Weight/packing	1.4kg/12pcs/17.5kg/0.039m³/1.36CUFT					
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire 						
	terminated with a 0.1uf & 47uf parallel capacitor.				pui viic		
	3. Tolerance : includes set up tolerance, line regulation and load regulation						

$\boldsymbol{LED\ rainproof\ power\ supply\ 400W}$

- ·170~264VAC AC input
- ·Small volume, low weight, high efficiency
- ·Protections: short circuit/over load
- ·Cooling by free air convection
- ·Fully encapsulated with IP44 level
- ·100% full load burn-in test
- ·2 Year warranty



FS-400W						
Model		FS-400-12	FS-400-15	FS-400-24	FS-400-36	
OUTPUT	DC voltage	12V	15V	24V	36V	
	Voltage tolerance	±1%	±1%	±1%	±1%	
	Rated current	33A	27A	16.5A	11	
	Current range	0~33A	0~27A	0~16.5A	0~11A	
	Rated power	396W	405W	396W	396W	
	Ripple&noise	150mvp-p	150mvp-p	200mvp-p	200mvp-p	
	DCvoltage ADJ.range	±10%	±10%	±10%	±10%	
	Voltage range	1	80~264VAC,	255~373VDC		
	Frequency		47~63	BHz		
INPUT	AC current		4.0A/23	OVAC		
INPUI	Efficiency	82%	82%	84%	85%	
	Inrush current	C	old start current	50A/230VAC		
	Leakage current		< 3.5 mA/2	40VAC		
	0 1 1	Rated output power105%~135% start over load protection				
	Overload	protection type: hiccup mode, auto-recovery after fault condition is				
	Over voltage	15.6~17.8V	18.6~20.8V	30.6~33.2V	42.6~44.2V	
PROTECTION	Over voltage	protection type: h	iccup mode, auto	-recovery after fa	ult condition is	
		TSW1detect on heatsink of power transistor≥85 °C±5 °C, start over				
	Over temperature		temperature			
	1	protection type: hiccup mode, auto-recovery after tempera become normal				
	Working	-10°C~+60°C, 20%~90%RH				
ENVIRONMEN	temp,humidity					
T	Storagetemp,humid	-20°C ~+85°C, 10% ~95% RH non-condensing				
	Withstand vibration	10~500Hz, 2G 10min/1cycle, period for 60 minutes, each axes				
SAFETY	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
SAFELL	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC				
FITSTANDARD	Safety standard	Fit UL1012 IP44				
S	EMC standard		meet EN5502	2, CLASSA		
OTHERS	Dimension		236*135*65m	m (L*W*H)		
OTHERS	Weight/packing	1.4kg	/12pcs/17.5kg/0	.039m³/1.36CU	JFT	
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.					
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.					
	3. Tolerance : includes set up tolerance, line regulation and load regulation.					