

SKK Switching Power Supply Series

FUNCTIONS & FEATURES

1. High quality
2. High reliability
3. Low ripple
4. 100% full load burn-in test
5. Compact size
6. Light weight
7. High efficiency
8. Low operating temperature
9. Long life
10. Compatible to different voltage level
11. Short-circuit protection
12. Over load protection
13. Over voltage protection



99 x 97 x 35 001



129 x 98 x 38 002

AC-DC Single group output

Type	Power W	Input bak1	DC Output current (A)								Funtion back 2	Outlet picture	
			5V	7.5V	12V	13.5V	15V	24V	27V	48V			
S-15-□	15	S	3		1.3					0.7		AK	001
S-25-□	25	F	5		2.1			1.7	1.1			ABHK	001
S-35-□	35	S	7		3			2.4	1.2			AHK	002
S-40-□	40	F	8		3.5			2.8	1.8			ABHK	002
S-50-□	50	S	10		4.2			3.4	2.1			AHK	003
S-70-□	60	F	14		5.8			4.6	2.9			ABHK	003
S-100-□	100	S	20	13.6	8.5			6.7	4.5	3.7	2	A	004
S-100F-□	100	J	20	13.5	8.5			6.7	4.5		2.2	AB	004
S-145-□	145	S	25	20	12.5				6			ABHK	004
S-150-□	150	S	30	20	12.5			10	6.5		3.2	ABHK	005

Performance

Input AC voltage	85~132VAC or 170~264VAC alternatively			
Input AC frequency	47~63Hz			
Efficiency	25W: 70% 500W-75% 100W-90% 200W: 81%full load against 12V signal output type			
Stability of output	Typical value of 0.5% (To main output electric circuit)			
Stability of load	Typical value of 1% (To main output electric circuit)			
Trimming range of output voltage	± 10%- ± 5% (To main output electric circuit)			
Ripple & noise	1% Peak-Peak valure (Actual valure below 20mV)			
Over voltage protection	115%~135% (To main electric circuit)			
Over load protection	All output terminals protected when short-circuit or overload			
Withstand voltage	Type	Primary side/Secodary side	Primary side/Shell	Secondary side/shell
	TUV type	3000VAC	1500VAC	500VAC
	Other type	1500VAC	1500VAC	500VAC
Holding time	Typical value of 20ms when full load			
Temperature coefficient	0.02%-0.05% ℃			
EMI standard	(a) FCCPART 15A, B (b) EN55022, CISPRPUB22A, B			
Security standard	(a) U11012 (b)EN60950(ICE950, UL1950)			
Ambient temperature for operation	-10~60 ℃			
Ambient temperature for preservation	-20~+85 ℃			

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Note 1: Choice between 85-132 and 170-264

A: Automatic switchover F: Full range S: Choice by switch J: Choice by jumper wire X: Fix

Note 2: Function

A: Overload (Over current) short-circuit protection B: Over voltage of output protection

C: Over temperature protection D: Automatic on/off control of hot exhaust fan (Lengthen life)

E: Monitor signal of power supply F: Output connected TTL signal available

G: Operation under series or parallel connection available H: Operation under series connection available

I: Protection device for charging J: Remote control of output voltage avoids wire connection loss

K: LED display for output Note 5 Security standard

Note 3: Security standard

T: TUV EN60950(ICE950 UC1950) certified U: UL1010 certified

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