

KA-52 Series 25 Watt Desk Top Power Supply



Low Cost
 Universal Input Voltage Range
 High Efficiency
 Build in EMI Filter
 Low Ripple and noise
 105 °C Output Capacitors
 Over Temperature Protection



Model	Output Voltage	Output Current	Ripple & Noise	Voltage Accuracy	Line/load Regulation
KA-52A	5 V	4,00A	50 mV p/p max.	+/- 5%	+/- 5%
KA-52B	9 V	2,78A	90 mV p/p max.	+/- 5%	+/- 5%
KA-52C	12 V	2,08A	120 mV p/p max.	+/- 5%	+/- 3%
KA-52D	16 V	1,56A	160 mV p/p max.	+/- 3%	+/- 3%
KA-52E	18 V	1,39A	180 mV p/p max.	+/- 3%	+/- 3%
KA-52F	24 V	1,05A	240 mV p/p max.	+/- 2%	+/- 2%
KA-52G	48 V	0,52A	400 mV p/p max.	+/- 2%	+/- 2%

GENERAL SPECIFICATIONS

Input	AC voltage range	90 ~ 264 VAC
	Input current	Typ. 0,7/115 – 0,4/230VAC
	Inrush current	30 A typ. at 115 VAC 60 A typ. at 230 VAC, Cold start
	Frequency range	47 ~ 63 Hz
Output	DC voltage	See table (other voltage upon request)
	Current	See table
	Ripple and noise	See table
	Load regulation	See table
	Line regulation	± 1% max
	Overload protection	110-150% I nom
	Short circuit protection	Permanent / auto restart
	Over voltage protection	105 ~ 145 % V nom
	Set-up time	800ms / 115 VAC – 300ms / 230 VAC
	Rising time	50ms
Hold up time	20ms / 115 VAC – 80ms / 230 VAC	
Environment	Operating temperature	0 ~ +35 °C
	Storage temperature	-25 ~ + 70 °C
	Humidity	5 ~ 95 % RH non condensing
Safety	Safety standard	UL 1950, CAN/CSA 22.2, TUV EN60950,CE APPROVED.
	Withstand voltage	I/O 3KVAC / 10mA 1 Min
	EMI	EN55022,EN61000-3-2,EN61000-3-3,EN50082-1 (EN61000-4-2/EN61000-4-3/

MECHANICAL SPECIFICATIONS

Dimensions	106 x 66 x 38 mm
Weight	162 grams
Input connector	IEC 320-C14 Receptacle
Output connector	Any kind of available standard connector



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