

MODEL 9117

2 A switch mode power supply, supplied as plug-in unit. Suitable for mobile telephones and other mobile communications equipment.

Max output power: 27 W.

Available in several voltage versions.



Technical specifications - 12 V version:

Input voltage:	198-264 V AC or 260-340 V DC.
Output voltage:	13.2 V DC. Internally adjustable 12-14.5 V DC.
Max output power:	27 W
Load current:	2 A max. at -10 to +40°C ambient temperature.
Load regulation:	<2,0% for 0 til 2 A load variation and 230 V AC input voltage (without cord)
Line regulation:	<0,5% for ±10% mains variation and full load.
Switch frequency:	Approxx 60 kHz.
Ripple:	<20 mV p-p at 100 Hz, < 50 mV p-p at 60 kHz (full load).
EMC standard:	
* Emission:	EN 50081-1
* Immunity:	EN 50082-1
Efficiency:	> 80%
Protection:	Short circuit proof.
Insulation:	The unit is double insulated.
Standard:	EN 60950.
Indicator:	LED indicator on front.
Mains connection:	Supplied as plug-in unit , euro plug. Also available with UK plug.
Output terminals:	Cord with standard plug, see catalogue.
Dimensions:	100 x 47 x 63 mm (without plug).
Weight:	Approx. 180 g (without cord).

Survey of voltage versions on the reverse.

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Survey of voltage versions Model 9117

Data \ Version	5 V	9 V	12 V	16 V	24 V
Input voltage - (V AC) - (V DC)	198-264 260-340	198-264 260-340	198-264 260-340	198-264 260-340	198-264 260-340
Output voltage (V DC) - nom. - adj.	5 5-7	9 8,5-10	13,2 12-14,5	16 15-18,5	24 23-28,5
Max output power (W)	10	18	27	27	27
Load current (A)	2,0	2,0	2,0	1,6	1,0
Load regulation	<5%	<2%	<2%	<2%	<2%
Line regulation	<2%	<0,5%	<0,5%	<0,5%	<0,5%
Temperature range (°C)	-10 - +40	-10 - +40	-10 - +40	-10 - +40	-10 - +40
Switch frequency (kHz)	60	60	60	60	60
Ripple (mV p-p)	<20/100 Hz <50/60kHz	<20/100 Hz <50/60kHz	<20/100 Hz <50/60kHz	<20/100 Hz <50/60kHz	<20/100 Hz <50/60kHz
EMC standard * Emission * Immunity	EN 50081-1 EN 50082-1	EN 50081-1 EN 50082-1	EN 50081-1 EN 50082-1	EN 50081-1 EN 50082-1	EN 50081-1 EN 50082-1
Efficiency	>67%	>80%	>80%	>80%	>80%
Protection: - short circuit proof	yes	yes	yes	yes	yes
Insulation class	Class II	Class II	Class II	Class II	Class II
Standard	EN 60950	EN 60950	EN 60950	EN 60950	EN 60950
Indicator	LED	LED	LED	LED	LED
Mains connection	Euro + UK	Euro + UK	Euro + UK	Euro + UK	Euro + UK
Output terminals - cord w/	std. plug	std. plug	std. plug	std. plug	std. plug
Dimensions (mm)(LxBxH)	100x47x63	100x47x63	100x47x63	100x47x63	100x47x63
Weight (g)	180	180	180	180	180