

# SAW-0501200

# Plug-in-USB

# 6W

Country of Origin: China  
Operating Temperature: -20 ~ 40° C  
Dimension: 57 x 26 x 39 mm  
Approvals / Marks:



## Features:

Available as EU, UK, US and SAA model

Wide range 90~264VAC / 47~63Hz

Overload, Over Voltage & Short Circuit protection

1 year warranty

## Specification:

		OUTPUT							
OUTPUT	MODEL	Voltage	min. Load	max. Load	Ripple & N.	load regulation	Line regulation	Efficiency Level	Max. Power
	<b>SAW-0501200</b>	5V	0A	1200mA	100mVp-p	+/-5%	+/-1%	V	6W
INPUT	Voltage	90 ~ 254VAC							
	Frequency	47 ~ 63Hz							
	In-rush current	30A for 100Vac at full load, 75A for 240Vac at full load							
	Input current	0.3A Max @ 90V/60Hz full load							
	Standby power	0.3W Max @ 254V/50Hz no load							
PROTECTION	Over-voltage	Output shut down when output voltage exceeds							
	Over-current	Output shut down(Auto restart) when output voltage exceeds							
	Short circuit	Output shut down(Auto restart)							
	Over-temperature	output shut down when case face temperature exceeds 65°C							
	Dielectric withstand (Hi-pot) test	IP/OP 3000Vac 10mA /min							
	Insulation	DC 500V 10M ohm min							
OTHERS	Cooling	Free air convection							
	Efficiency	60% min@100~240Vac50/60Hz with full load							
	Hold up time	10 sec.min.@ 100Vac/60Hz with full load							
	Turn on delay time	3sec.max.@ 100Vac/60Hz with full load							
	Switching frequency	65 kHz typical							
Environment	Temperature	Operating: -20 ~ 40°C / Storage: -20 ~ 75°C							
	Humidity	Operating: 20% to 90% R.H. / Storage: 0% to 90% R.H.							
Connection	Input	Plug: standard: EU							
	Output	Plug: USB							
MTBF	50.000 hours 0.5% annual field failure rate@25°								
SAFETY	IEC 60950-1:2005 / EN 60950-1:2006+A11 / CE EN 55022:2006+A1 EN 55024:1998+A1+A2 IEC 61000-3-2:2006 IEC 61000-3-3+A1+A2								
WEIGHT	82g								

