



## Model: SAMA XPH-850A

Art.: 88882231

850 Watt power supply according to **Intel ATX 3.0 Standard** with 12VHPWR connector and 80Plus Platinum certification.

## Features

850Watt power supply  
Intel ATX 3.0 Standard  
12VHPWR connector up to 600W

## Input

Voltage	AC 100 - 240 V~
Frequency	50/60Hz
Current	10A @115V 8A @230V

## Output

Voltage	Current
+ 3.3V	max. 20A
+ 5V	max. 20A
+ 12V	max. 70.8A
- 12V	max. 0.4A
+ 5Vsb	max. 3A
Total power	max. 850W
Power 3.3V + 5V	max. 100W
Power 12VHPWR	max. 600W
Tolerance	+/- 5%
Ripple/ Noise	<50mV @ +3.3V, +5V, +5Vsb <120mV @+12V, -12V

## Safety

<u>Over voltage protection</u>	+
<u>Under voltage protection</u>	+
<u>Short circuit protection</u>	+
<u>Over current protection</u>	+

## Economic data

<u>Efficiency @115V</u>	
@ 10% power	88.72 %
@ 20% power	91.66 %
@ 50% power	93.22 %
@ 100% power	92.04 %

### Efficiency @230V

@ 20% power	92.70 %
@ 50% power	93.60 %
@ 100% power	91.90 %
Standby power	< 0.42W

<b>Environmental</b>	Temperature	0°C - 40°C (operating) -40°C - 70°C (storage)
	Humidity	10% - 90% (operating, non condensing) 50% - 95% (storage, non condensing)
	Altitude	0 - 3000m (operating) 0 - 10000m (storage)

<b>Scope of delivery</b>	Power supply
	Power cord
	Screws
	Cable ties
	Manual

<b>Warranty</b>	36 Months
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<b>Logistic data</b>	Dimension	150 x 155 x 86 mm
	Net weight	2.50 kg
	Gross weight	2.94 kg
	Article number	88882231
	GTIN	4260455648929
	Packing unit	1 pcs 6 pcs (carton) 180 pcs (EU pallet)

### Performance data

Input	100-240V~, 8A/ 10A, 60/50Hz				
Output	+3.3V	+5V	+12V	-12V	+5VSB
Max.	20A	20A	70.8A	0.4A	3A
Min.	0.1A	0.2A	0.6A	0A	0.05A
Max. Output	100W		849.6W	4.8W	15W
	850W				

## Cable length

