

General description

The N2EFSW3 6W family of switch mode power supplies delivers typically 6W output and features wide-range input (90-264V), small size and light weight.

The units are available only in EU housing.

Output voltage is fixed with a tolerance of $\pm 3\%$ on PCB. Output voltages are available between 5V and 24V DC. Secondary plug is available in different forms. The power supply is for indoor use only.

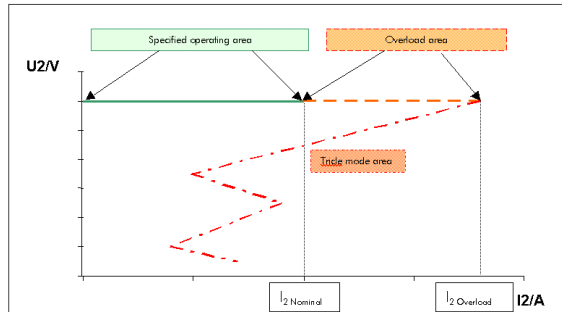

Features

- **EuP Tier II conform**
- Wide input range (90-264V)
- Output voltage fixed (5-24VDC)
- Output voltage stability $\pm 3\%$ on PCB
- Output power 12W
- Protection class II
- Europe plug
- Secondary plug customer specific possible
- Manufacturing according to ISO 9001
- Short circuit proof



Dimensions			
Length	Width	Height	Unit
68	51	25	mm

Input Parameter	Key	Min	Typ	Max	Unit
Input voltage	U_1	90		264	V
Input current	I_1	2	70	200	mA
Input frequency	f_1	47	50	63	Hz
Op. Temperature	T	0		40	$^{\circ}\text{C}$
Efficiency	η		75		%
According EuP Tier II					

Output Parameter	Key	Min	Typ	Max	Unit
Output Power	P_2			6	W
Output Voltage	U_2	5		24	V
Output current	I_2			1	A
Ripple voltage	U_{RMS}			50	mV RMS
Output voltage tolerance at PCB	T_{U2}			3	%
Output voltage tolerance with EGSTON standard cable 1,5m/0,5mm ²	T_{U2}			5-5,9V +3/-6 6-24V: +3/-5	%

Typical output chart

Test standards and approvals

Test standards
EN 60950
EN 61000-6-1
EN 55022
EN 55011
EN 55014-1

Approvals
 

Housing Dimension**Euro housing**