

### General description

The NVxxS family of switch mode power supplies delivers up to 9.6W output and features small size and light weight. The output voltage is adjustable from 3 to 12V with an output tolerance of  $\pm 5\%$ .

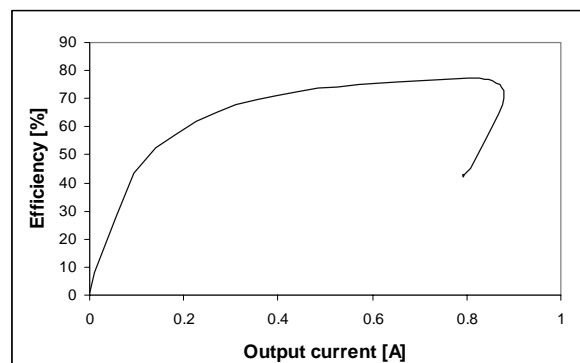
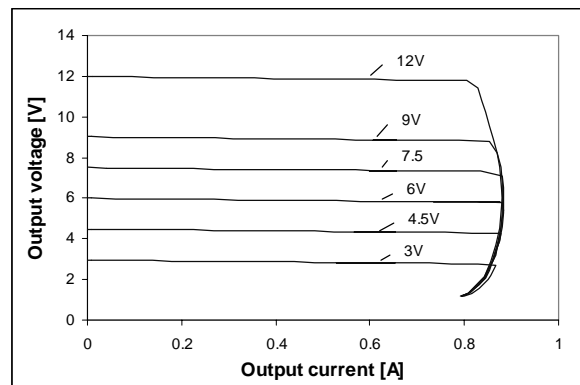
The units are available in EU, UK and US housing to fit major markets, others can be tooled on request.

Typical applications are with mobile electronic equipment such as mobile phones, organizers, cameras, measuring equipment etc.

Secondary cable connection to power supply is available fixed or pluggable. Secondary plug is available in different forms.

The power supply is for indoor use only.

The standard power supply is meant for use with information technology equipment.



### Features

- Adjustable output voltage from 3V to 12V  
3 / 4.5 / 6 / 7.5 / 9 / 12V
- Output voltage stability  $\pm 5\%$
- Output power from 2.4W to 9.6W
- High efficiency, typically  $> 75\%$
- Protection class II
- Protection Group IP54
- Input voltage  $230V \pm 10\%$  for Euro and UK housing,  $120V \pm 10\%$  for US housing.
- Europe, UK, US Plug available
- Secondary plug customer specific possible
- Manufacturing according to ISO 9001
- Smallest available size
- Austrian National Innovations Award

### Approvals

- CE
- ÖVE (CCA)
- cUL 1310

### Test standards

- EN 50 075, IEC 83
- EN 50 081-1
- EN 50 082-1
- EN 55 022
- EN 60 555
- EN 60 950

Power supplies with different output voltages at full, resistive load		
$U_2$ / V	$I_2$ / A	$P_2$ / W
3.0	0.8	2.4
4.5	0.8	3.6
6.0	0.8	4.8
7.5	0.8	6.0
9.0	0.8	7.2
12.0	0.8	9.6

Parameter	Key	Min	Typ	Max	Unit
Input frequency	$f_1$	47	50	63	Hz
Efficiency	$\eta$	63	75	85	%
Ripple voltage	$U_{p-p}$		75	150	mV
Op. Temperature	$T$	-10		35	°C

Generic Product Code	
N V x x S	
S ...	Secondary cable pluggable
F ...	Secondary cable fixed
E ...	Euro plug
U ...	US-, Japan-, Canada plug
G ...	United Kingdom plug