

## NW01 DC/AC converter for use with mobile power supplies

The NW01 DC/AC converters are true sine wave DC to AC power inverters, that can be fed by mobile DC voltage and have regulated AC voltage output of 230 VAC. The devices are distinguished by their high short overload capacity.



### Characteristics

- supply voltage 12 VDC
- output voltage 230 VAC
- output power up to 1,5 kW
- true sine output waveform
- harmonic distortion < 3 %
- high peak load capacity

### Technical data NW01 DC/AC converters

Technical data	NW01-200	NW01-400	NW01-700	NW01-1000	NW01-1500
AC output voltage regulated	230 VAC +/- 3,0 %				
output waveform	true sine wave < 3 % harmonic distortion				
output power	200 W	400 W	700 W	1.000 W	1.500 W
max. output power 10 sec.	300 W	600 W	1.050 W	1.500 W	2.250 W
DC input <sup>1)</sup>	12 VDC nominal; 10,5 VDC – 15,0 VDC				
input current	20 A	40 A	75 A	100 A	150 A
integrated fuse	yes				
efficiency	86 %	86 %	89 %	90 %	90 %
output protections	over load, output short, over temperature				
working temperature	- 10° - + 35°C				
storage temperature	- 30° - + 70°C				
working humidity	0 - 90 %, not condensing				
standards	EN55022 class A; EN61000-4-2, 3, 8; ENV50204; EN60950-1				
dimensions (L x W x H)	205 x 158 x 59 mm	205 x 158 x 67 mm	295 x 184 x 70 mm	345 x 184 x 70 mm	420 x 220 x 88 mm
weight	1,63 kg	1,73 kg	3,8 kg	4,3 kg	6,81 kg

<sup>1)</sup> DC/AC converters optionally available with 24 VDC or 48 VDC input voltage.