


**Main features**

<b>Application</b>	<ul style="list-style-type: none"> <li>power supply for circulation pumps or other electric equipment during power cuts</li> <li>solid-fuel boilers can be safely cooled down after a power cut occurs</li> </ul>
<b>Description</b>	<ul style="list-style-type: none"> <li>consists of electronic circuits ensuring battery charging and protection, inverter, power outlets for the equipment to be power supplied, cable to connect to grid and 2 external lead acid batteries</li> </ul>
<b>Properties</b>	<ul style="list-style-type: none"> <li>the output waveform is a sine wave offering trouble-free operation of high-efficiency circulation pumps – tested on Wilo and Grundfos pumps</li> <li>automatic switching from grid to battery and vice versa</li> <li>smart two-step battery charging with overcharge protection</li> <li>battery protection from overcharge and deep discharge</li> <li>multi-function LED and sound signals</li> </ul>

**Code**

<b>12382</b>	<i>PG 2000 Backup Power Supply with two 100 Ah external batteries</i>
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**Technical data**

<b>Backup Power Supply</b>		<b>PG 2000</b>
<b>Input</b>	nominal voltage voltage range	230 V 50 Hz 170 - 260 V 50 Hz
<b>Output</b>	max. inverter output nominal voltage voltage range (backup mode) frequency frequency tolerance (backup mode) output waveform (backup mode)	800 W 230 V +10 % / -18 % 50 Hz ± 0,5 Hz modified sine wave
<b>Others</b>	dimensions (d x w x h) weight ambient working temperature ambient relative humidity noise level	224 x 255 x 80 61,7 kg 0 - 40 °C 0 - 90 % non-condensing < 45 dB

**Battery**

<b>Type</b>		<b>lead acid battery</b>
<b>Technical data</b>	nominal voltage number capacity	12 V 2 (in series) 200 Ah (2 x 100 Ah) / 12 V

**Backup time**

output load power consump (230 V) backup period	250 W 7 h
output load power consump (230 V) backup period	500 W 4 h