


**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 two integrated AGM batteries, electronic circuits ensuring battery charging and protection, inverter, power outlets for the equipment to be power supplied and cable to connect to grid</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> <li>very silent operation due to the absence of fan</li> </ul>

**Code**

<b>16214</b>	<i>PG 500 Compact Backup Power Supply with integrated 18 Ah batteries (2x9 Ah) / 12 V</i>
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**Technical data**

<b>Backup Power Supply</b>		<b>PG 500 Compact</b>
<b>Input</b>	nominal voltage	230 V 50 Hz
	voltage range	170 - 260 V 50 Hz
<b>Output</b>	max. inverter output	600 W
	nominal voltage	230 V
	voltage range (backup mode)	195 - 255 V
	frequency	50 Hz
	frequency tolerance (backup mode)	± 1 Hz
	output waveform (backup mode)	modified sine wave
<b>Others</b>	dimensions (d x w x h)	335 x 125 x 195 mm
	weight	11 kg
	ambient working temperature	0 - 40 °C
	ambient relative humidity	0 - 90 % non-condensing
	noise level	silent run (no fan)

**Battery**

<b>Type</b>		<b>lead acid battery</b>
<b>Technical data</b>	nominal voltage	12 V
	number	2
	capacity	18 Ah (2 x 9 Ah) / 12 V

**Backup time**

output load power consump (230 V)	20 W
backup period	5 h
output load power consump (230 V)	45 W
backup period	3 h 30 min