


**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 external lead acid battery</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>LCD display</li> <li>smooth output sine wave</li> </ul>

**Codes**

<b>16 211</b>	<i>PG 600 SX Backup Power Supply with 18 Ah external battery</i>
<b>16 212</b>	<i>PG 600 SX Backup Power Supply with 44 Ah external battery</i>
<b>16 793</b>	<i>PG 600 SX Backup Power Supply with 100 Ah external battery</i>

**Technical data**

<b>Backup Power Supply</b>		<b>PG 600 SX-18</b>	<b>PG 600 SX-44</b>	<b>PG 600 SX-100</b>
<b>Input</b>	nominal voltage	230 V 50 Hz		
	voltage range	230 V (+25 % / -35 %) 50 Hz ± 10 %		
<b>Output</b>	max. inverter output	300 W		
	nominal voltage	230 V		
	voltage range (backup mode)	230 V (± 10%)		
	frequency	50 Hz		
	frequency tolerance (backup mode)	± 0,5 Hz		
	output waveform (backup mode)	smooth sine wave		
<b>Others</b>	rozměr (d x š x v)	140 x 182 x 380 mm		
	hmotnost	12,6 kg	19,9 kg	36,3 kg
	pracovní teplota okolí	0 - 35 °C		
	pracovní vlhkost okolí	0 - 90 % non-condensing		
	hlučnost	< 60 dB		

**Battery**

<b>Type</b>		<b>lead acid battery</b>		
<b>Technical data</b>	nominal voltage	12 V		
	number	1		
	capacity	18 Ah / 12 V	44 Ah / 12 V	100 Ah / 12 V

**Backup time**

output load power consump (230 V)	20 W	65 W	120 W
backup period	3 h 34 min	4 h 25 min	5 h 37 min
output load power consump (230 V)	45 W	100 W	250 W
backup period	2 h 18 min	2 h 58 min	2 h 51 min