


Main features

Application	<ul style="list-style-type: none"> power supply for circulation pumps or other electric equipment during power cuts solid-fuel boilers can be safely cooled down after a power cut occurs
Description	<ul style="list-style-type: none"> 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
Properties	<ul style="list-style-type: none"> the output waveform is a sine wave offering trouble-free operation of high-efficiency circulation pumps – tested on Wilo and Grundfos pumps automatic switching from grid to battery and vice versa smart three-step battery charging with overcharge protection battery protection from overcharge and deep discharge LCD display smooth output sine wave

Codes

17135	<i>PG 600 S Backup Power Supply with 18 Ah external battery</i>
17136	<i>PG 600 S Backup Power Supply with 44 Ah external battery</i>
17137	<i>PG 600 S Backup Power Supply with 100 Ah external battery</i>

Technical data

Backup Power Supply		PG 600 S-18	PG 600 S-44	PG 600 S-100
Input	nominal voltage	230 V 50 Hz		
	voltage range	140 ~ 280 V +/- 5 %, 50 Hz +/- 5 Hz		
Output	max. inverter output	600 W		
	nominal voltage	230 V		
	voltage range (backup mode)	230 V (± 5%)		
	frequency	50 Hz		
	frequency tolerance (backup mode)	± 0,5 Hz		
Others	output waveform (backup mode)	smooth sine wave		
	dimensions (d x w x h)	420 x 280 x 225 mm		
	weight	16,4 kg	24,4 kg	39,4 kg
	ambient working temperature	0 - 40 °C		
	ambient relative humidity	0 - 90 % non-condensing		
	noise level	<= 60 dB		

Battery

Type		lead acid battery		
Technical data	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 11 min	3 h 35 min	4 h 37 min
output load power consump (230 V)	45 W	100 W	250 W
backup period	2 h 2 min	2 h 26 min	2 h 31 min