

DATA SHEET

PG 600 S Backup Power Supply



Main features

Application	<ul style="list-style-type: none"> power supply to feed circulation pumps or other boiler components like fans, controllers, fuel feeders etc. 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

17035	<i>PG 600 S without external battery</i>
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 voltage range	230 V 50 Hz 140 ~ 280 V +/-5 %, 50 Hz +/-5 Hz		
Output	max. inverter output nominal voltage voltage range (backup mode) frequency transfer time frequency tolerance (backup mode) output waveform (backup mode)	600 VA 230 V 230 V (± 5%) 50 Hz 8 to 12 ms ± 0,5 Hz smooth sine wave		
Others	dimensions (d x w x h) weight ambient working temperature ambient relative humidity noise level	16,4 kg	420 x 280 x 225 mm 24,4 kg 0–40 °C	39,4 kg 0–90 % non-condensing < 60 dB

Battery

Type		lead acid battery		
Technical data	nominal voltage charging current number capacity	12 V 5 A (20 A) 1		
		18 Ah / 12 V	44 Ah / 12 V	100 Ah / 12 V

Backup time

output load power consump (230 V) backup period	20 W 3 h 11 min	65 W 3 h 35 min	120 W 4 h 37 min
output load power consump (230 V) backup period	45 W 2 h 2 min	100 W 2 h 26 min	250 W 2 h 31 min