PG 500 Compact

Backup Power Supply with integrated batteries for circulation pumps

Backup power supply to feed circulation pumps or other electric equipment during power cuts. It will provide power supply for a boiler circulation pump, preventing the boiler overheating.

Features

- Automatic switching from grid to battery and vice versa
- High efficiency inverter
- Smart two-step battery charging with overcharge protection
- Protection from overload and complete battery discharge
- Multi-function LED and sound signals
- No fan, thus very quiet operation

Technical data

NOMINAL VOLTAGE	230 V, 50 Hz
INPUT VOLTAGE RANGE	170 - 260 V, 50 Hz
OUTPUT WAVE FORM	modified sine wave
OPERATING CONDITIONS	0 - 40 °C, non-condensing humidity

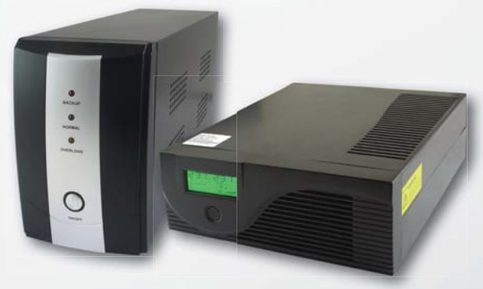
This Backup Power Supply comes with two maintenance-free 12V, 9Ah batteries. Service life of the batteries is about 5 years. The real service life depends on operating conditions. Batteries are delivered charged, so they should not be stored for more than 4 months after leaving Regulus's warehouse. They need to get charged after that period.

Models

	PG 500 Compact
NO. OF BATTERIES	2
BATTERY CAPACITY	18 Ah (2 x 9 Ah) / 12 V
MAX. INVERTER OUTPUT POWER	600 W
CODE	**16214**

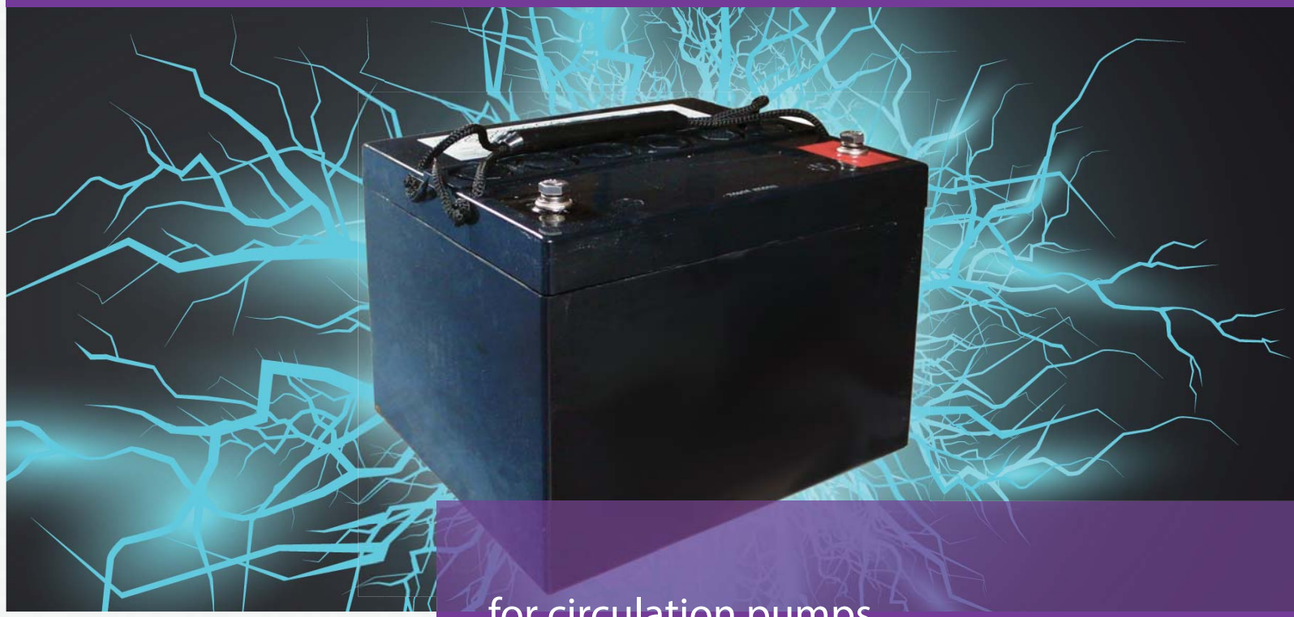
Backup times

Model	Power consumption of the load	Backup time
PG 500 Compact	20 W	5 h
	45 W	3h 30 min



Regulus

Backup **Power Supplies**



for circulation pumps

v1.1-11/2018

REGULUS spol. s r.o., Czech Republic
E-mail: sales@regulus.eu
Web: www.regulus.eu

Energy-saving solutions

www.regulus.eu

PG 1000

Backup Power Supplies for circulation pumps

Backup power supply to feed circulation pumps or other electric equipment during power cuts. It will provide power supply for a boiler circulation pump, preventing the boiler overheating.

Features

- Automatic switching from grid to battery and vice versa
- High efficiency inverter
- Smart two-step battery charging with overcharge protection
- Protection from overload and complete battery discharge
- Multi-function LED and sound signals

Technical data

NOMINAL VOLTAGE	230 V, 50 Hz
INPUT VOLTAGE RANGE	170 - 260 V, 50 Hz
OUTPUT WAVE FORM	modified sine wave
OPERATING CONDITIONS	0 - 40 °C, non-condensing humidity
NOISE LEVEL	less than 45 dB

Backup Power Supplies come with special maintenance-free batteries. Service life of the batteries is about 10 years. The real service life depends on operating conditions. Batteries are delivered charged, so they should not be stored for more than 4 months after leaving Regulus's warehouse. They need to get charged after that period.

Models

	PG 1000-100
NO. OF BATTERIES	1
BATTERY CAPACITY	100 Ah/12V
MAX. INVERTER OUTPUT POWER	600 W
CODE	**12435**

Backup times

Model	Power consumption of the load	Backup time
PG 1000-100	120 W	5 h 15 min
	250 W	2 h 31 min

PG 600 S

Backup Power Supplies for circulation pumps, smooth output sine wave

Backup power supply to feed circulation pumps or other electric equipment during power cuts. It will provide power supply for a boiler circulation pump, preventing the boiler overheating.

Features

- Automatic switching from grid to battery and vice versa, adjustable charging current
- High efficiency inverter
- Smart three-step battery charging with overcharge protection
- Protection from overload and complete battery discharge, min. battery voltage limit can be set that will cause disconnection of power supply
- LCD display
- Internal temperature controlled fan
- Smooth output sine wave

Technical data

NOMINAL VOLTAGE	230 V, 50 Hz
INPUT VOLTAGE RANGE	140 ~ 280 V +/- 5 %, 50 Hz +/- 5 Hz
OUTPUT WAVE FORM	smooth sine wave
OPERATING CONDITIONS	0 - 40 °C, non-condensing humidity
NOISE LEVEL	less than 60 dB

Backup Power Supplies come with special maintenance-free batteries. Service life of the batteries is about 10 years. The real service life depends on operating conditions. Batteries are delivered charged, so they should not be stored for more than 4 months after leaving Regulus's warehouse. They need to get charged after that period.

Models

	PG 600 S-18	PG 600 S-44	PG 600 S-100
NO. OF BATTERIES	1	1	1
BATTERY CAPACITY	18 Ah/12V	44 Ah/12V	100 Ah/12V
MAX. INVERTER OUTPUT POWER	600 W	600 W	600 W
CODE	17135	17136	17137

Backup times

Model	Power consumption of the load	Backup time
PG 600 S-18	20 W	3 h 11 min
	45 W	2 h 02 min
PG 600 S-44	65 W	3 h 35 min
	100 W	2 h 26 min
PG 600 S-100	120 W	4 h 37 min
	250 W	2 h 31 min

Regulus

Backup Power Supplies

Energy-saving solutions