

## BOILER PROTECTION AGAINST OVERHEATING

### Backup Power Supplies



### PG 500

#### Backup Power Supplies for circulation pumps

Backup power supply for 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 500-18	PG 500-44
NO. OF BATTERIES	1	1
BATTERY CAPACITY	18 Ah/12V	44 Ah/12V
MAX. INVERTER OUTPUT POWER	200 W	200 W
CODE	12505	9140

#### Backup times

Model	Power consumption of the load	Backup time
PG 500-18	20 W	6 h 30 min
	45 W	3 h
PG 500-44	65 W	5 h 48 min
	100 W	3 h 42 min

