

BOILER PROTECTION AGAINST OVERHEATING

Backup Power Supplies



PG500 Compact

Backup Power Supply with integrated batteries 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
- 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

