

BOILER PROTECTION AGAINST OVERHEATING

Backup Power Supplies



PG 600 SX

Backup Power Supplies for circulation pumps, smooth output sine wave

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
- LCD display
- Internal temperature controlled fan
- Smooth output sine wave

Technical data

NOMINAL VOLTAGE	230 V (+25% / - 35 %) 50 Hz (+-10 %)
INPUT VOLTAGE RANGE	230 V (+-10 %) 50/60 Hz (+-0,5 %)
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 SX-18	PG 600 SX-44	PG 600 SX-100
NO. OF BATTERIES	1	1	1
BATTERY CAPACITY	18 Ah/12V	44 Ah/12V	100 Ah/12V
MAX. INVERTER OUTPUT POWER	300 W	300 W	300 W
CODE	16211	16212	16793

Backup times

Model	Power consumption of the load	Backup time
PG 600 SX-18	20 W	3 h 34 min
	45 W	2 h 18 min
PG 600 SX-44	65 W	4 h 25 min
	100 W	2 h 58 min
PG 600 SX-100	120 W	5 h 37 min
	250 W	2 h 51 min

