



SE series apparatus, are outcome of a long experience both in Uninterruptible Power Supply field and in this specific one.

The double conversion technology assures a complete protection of the users from main disturbances: for that reason, these apparatus are studied to feed emergency lighting devices and privileged users.

PRINCIPLES OF WORKING

The feeder converts the main in dc voltage, performing the insulation between input and output. This type of working reduces the psfometric noise and the input distortion (clean energy), getting an high efficiency (energy saving). The microprocessor controls the output voltage, the current absorbed by the load and the batteries, disconnecting them when too discharged.

The battery branch is independent by the power branch; it assures a perfect charge, optimizes the maintenance, guaranteeing a long life to the batteries.

The output accuracy to 1% is insured for all back up time, till the total run down of the battery and their disconnection.

The microprocessor control makes the Emergency Supply SE Series suitable to parallel connections without number limits. The mechanical assembly is realized to get the maximum safety and a nice industrial design.

TECHNICAL DATA

- Emergency power supply SE series double branch
- Input voltage: 230V single phase, 50Hz (400V 3Ph+N on request);
- Static stability: $\pm 1\%$ whatever load condition;
- Insulation transformer;
- Switching technology;
- LCD display for output measures;
- Insulation device meter on request;
- Automatic and manual test battery;
- Parallel kit version;
- EPO (Emergency Power Off);
- Mechanical: cabinet or rack 19" version;
- Dry contacts interface, ON/OFF remote control;
- Upper rated power and autonomies available.

MODEL	RATED POWER W	OUTPUT VOLTAGE Vdc	OUTPUT CURRENT A	BACK UP TIME min	DIMENSIONS mm
SE 12 05 200	60	12	5	200	250x600x500
SE 12 10 80	120	12	10	80	250x600x500
SE 12 15 60	180	12	15	60	250x600x500
SE 12 20 40	240	12	20	40	250x600x500
SE 12 30 20	360	12	30	20	250x600x500
SE 12 40 10	480	12	40	10	250x600x500
SE 24 05 60	120	24	5	60	315x320x190
SE 24 10 30	240	24	10	30	315x320x190
SE 24 10 90	240	24	10	90	315x320x190
SE 24 15 20	360	24	15	20	250x600x500
SE 24 15 60	360	24	15	60	250x600x500
SE 24 20 10	480	24	20	10	250x600x500
SE 24 20 60	480	24	20	60	250x700x600
SE 24 30 10	720	24	30	10	250x600x500
SE 24 30 60	720	24	30	60	250x700x600
SE 24 40 10	960	24	40	10	250x600x500
SE 24 40 60	960	24	40	60	250x700x600
SE 48 05 100	240	48	5	100	315x320x190
SE 48 07 90	336	48	7	90	315x320x190
SE 48 07 240	336	48	7	240	315x320x190
SE 48 10 25	480	48	10	25	250x600x500
SE 48 10 60	480	48	10	60	250x700x600
SE 48 15 15	720	48	15	15	250x600x500
SE 48 15 60	720	48	15	60	250x700x600
SE 48 20 10	960	48	20	10	250x600x500
SE 48 20 60	960	48	20	60	250x700x600
SE 48 30 15	1440	48	30	15	250x700x600
SE 48 30 60	1440	48	30	60	400x800x750
SE 48 40 10	1920	48	40	10	250x700x600
SE 48 40 60	1920	48	40	60	400x800x750
SE 110 05 45	550	110	5	45	250x700x600
SE 110 10 20	1100	110	10	20	250x700x600
SE 110 15 15	1650	110	15	15	250x700x600
SE 110 20 20	2200	110	20	20	250x700x600
SE 110 30 15	3300	110	30	15	250x700x600