

GENERAL TECHNICAL SPECIFICATIONS

Input	Voltage:	Single phase: 120V, 220V, 230V or 240V. Three phase: 208V, 220V, 230V, 240V, 380V, 400V or 415V.
	Regulation range:	± 15%.
	Frequency:	48 ÷ 63 Hz.
	Power factor:	0.95.
Output:	Voltage:	Single phase: 120V, 220V, 230V or 240V. Three phase: 208V, 220V, 230V, 240V, 380V, 400V or 415V.
	Accuracy:	± 2%.
	Nominal rating:	See table.
	Frequency:	48 ÷ 63 Hz.
	Max. Amps.:	See table.
	Harmonic distortion:	NIL.
	Correction time:	20 ms.
	Efficiency:	0.90 ÷ 0.98 (depending on the model).
	Overload:	200% for 1 minute. 300% for 20 seconds. 1000% for 50 ms.
	Operating temperature:	-10°C to + 45°C.
	Relative humidity:	0 to 95% non condensing.
	Operating altitude:	Sea level to 3000m.
	Audible noise at 1m.:	<35 dB.
Natural ventilation:	For models < 36 kVA.	
Power factor:	0.5 lagging to 0.7 leading.	
Common noise attenuation:	PLC with (T) transformer: > 40 dB. PLC with (NS) transformer: > 120 dB.	
Generals:	MTBF:	60.000 h.
	MTTR:	30 min.
	By-pass circuit:	From 1 kVA above.

APPLICATIONS

- Computers and Data processing.
- Computer peripherals.
- Ofimatics equipment.
- Telecommunication and transmission equipment.
- Control and production processes equipment.
- Numerical control machines.
- Laboratory equipment.
- Electronic equipment.
- Photography controls and processes.
- Any electrical or electronic equipment sensitive to voltage variations.



RANGE OF PRODUCTS

- UNINTERRUPTIBLE POWER SUPPLY - UPS
- STATIC INVERTERS
- VOLTAGE STABILISERS AND POWER LINE CONDITIONERS
- STABILISERS - DIMMERS FOR LUMINOUS FLUX
- DIGITAL SWITCH MODE POWER SUPPLIES
- CATV POWER SUPPLIES
- VARIABLE TRANSFORMERS

According to its policy of continuous evolution, **SALICRU ELECTRONICS** reserves the right to alter these features, either totally or partially, without prior notice.

SALICRU

Avda. de la Serra, 100
08460 STA. M^a DE PALAUTORDERA
(Barcelona) - Spain
Tel. 34 93 848 24 00 - Fax 34 93 848 11 51 / 07 31
salicru@salicru.com - www.salicru.com

EUROPE: SPAIN / FRANCE / PORTUGAL / HUNGARY / UNITED KINGDOM / SWEDEN / BELGIUM / MALTA / CZECH REPUBLIC / POLONIA / AUSTRIA
REST OF THE WORLD: BRAZIL / CHINA / SINGAPORE / URUGUAY / COLOMBIA / CHILE / PERÚ / VENEZUELA / ARGENTINA / MEXICO / U.S.A. / PHILIPPINES / THAILAND
HONG KONG / MALAYSIA / AUSTRALIA / NEW ZEALAND / MOROCCO / EGYPT / PAKISTAN / U.A.E.



RE-2 and PLC-2 Series



Electronic Voltage Stabilisers Power Line Conditioners



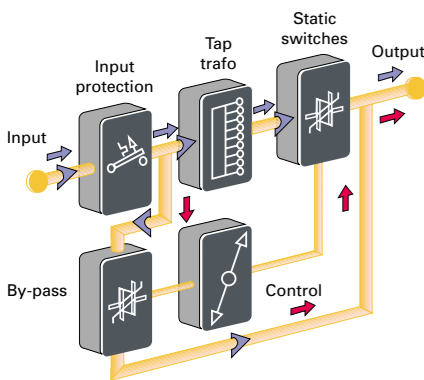
Clean and stable power the key to operate effectively and efficiently

VOLTAGE STABILISERS SERIES RE 2

The Electronic Voltage Stabiliser Series RE 2 is based on a multi-tap transformer, each one of them linked electrically to a solid state switch. These switches are governed by a control board incorporating a microprocessor which controls the output voltage and depending of its level selects one or another tap in order to get the most optimal voltage level and with the pre-set accuracy. The new stabiliser is provided with a servo-system comparing the output voltage instead of controlling the input voltage. This feature makes the RE 2 more accurate.

The constant increasing technological complexity of the modern industrial equipment require a clean and perfectly stabilised power supply. The new Series 2 of SALICRU Electronic Voltage Stabilisers and Power Line Conditioner have been updated according to the needs of strict regulated voltage of a today's global market and with a day to day more exacting standards.

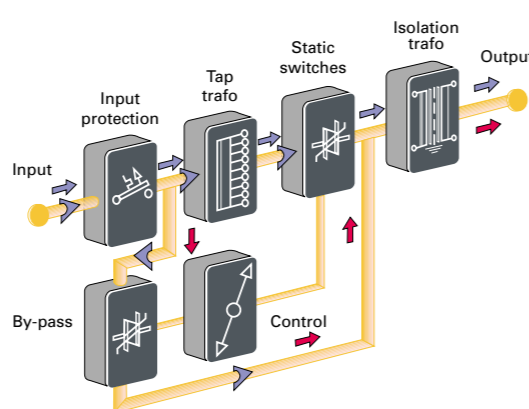
Regulated output.
Output through the By-pass.



RE-2 Voltage Stabiliser.

Outstanding advantages and features:

- Output voltage control and adjustment by microprocessor.
- Higher stability of the output voltage.
- Wide input ranges, up to +/- 25% on request.
- Independent phase regulation.
- Solid state By-pass controlled by microprocessor.
- Power ratings above 150 kVA available on request.
- Manual By-pass (optional) on request.
- Communication ports (optional) available: RS-232, RS-485, or relay interface.
- ON/OFF function by means of micro-switch.
- Harmonic distortion: NIL.
- Admittance of any power factor.
- Fast speed response.
- Electronic control without electromechanical elements.



PLC-2 Power Line Conditioner.

POWER LINE CONDITIONERS SERIES PLC 2

Of similar technology to that of the Electronic Voltage Stabilisers of the Series 2, it incorporates a transformer with galvanic isolation, of low

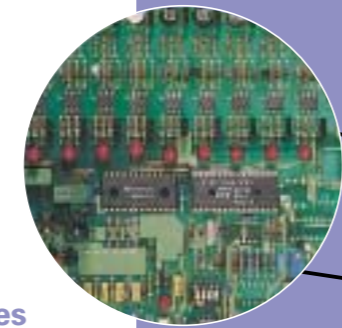
capacitance between primary and secondary winding. This addition enables to supply a perfectly stable output voltage free of any electrical noise.

Versions:

- Single phase.
- Three phase.
- Single and three phase with "T" Isolation Transformer = Power Line Conditioner.
- Single and three phase with "NS" Ultra Isolation Transformer = Power Line Conditioner.

Signalling:

- Visual: Line, On, solid state By-pass, Output, Out of service (optional).
- Analogue measuring of the output voltage.



PARTICULAR TECHNICAL SPECIFICATIONS

«RE 2» Voltage Stabilisers. Single phase 230V ± 15% / 230V.

Type	Power (kVA)	Max. Amps	Dimensions (mm.)			Weight (kg)
			Depth	Width	Height	
RE 309-2	0,3	1,3	250	210	185	5
RE 609-2	0,6	2,6	250	210	185	6
RE 1.009-2	1	4,3	250	210	185	9
RE 2.009-2	2	8,7	390	250	195	15
RE 3.009-2	3	13	390	250	195	23
RE 4.509-2	4,5	20	530	300	220	37
RE 6.009-2	6	26	530	300	220	45
RE 9.009-2	9	39	530	300	220	60
RE 12.009-2	12	52	650	340	240	65
RE 15.009-2	15	65	650	340	240	72
RE 20.009-2	20	87	650	340	240	80
RE 25.009-2	25	109	780	350	690	120
RE 30.009-2	30	130	780	350	690	190
RE 40.009-2	40	174	930	430	715	280
RE 50.009-2	50	217	930	430	715	310

«PLC 2» Power Line Conditioners. Single phase 230V ± 15% / 230V.

Type	Power (kVA)	Max. Amps	Dimensions (mm.)			Weight (kg)
			Depth	Width	Height	
RE 309-2T	0,3	1,3	250	210	185	11
RE 609-2T	0,6	2,6	330	230	185	14
RE 1.009-2T	1	4,3	330	230	185	17
RE 2.009-2T	2	8,7	530	300	220	37
RE 3.009-2T	3	13	530	300	220	44
RE 4.509-2T	4,5	20	650	340	240	73
RE 6.009-2T	6	26	650	340	240	78
RE 9.009-2T	9	39	780	350	690	115
RE 12.009-2T	12	52	780	350	690	140
RE 15.009-2T	15	65	780	350	690	190
RE 20.009-2T	20	87	780	350	690	240
RE 25.009-2T	25	109	930	430	715	290
RE 30.009-2T	30	130	930	430	715	320
RE 40.009-2T	40	174	620	600	1.600	360
RE 50.009-2T	50	217	620	600	1.600	400

«PLC 2» Power Line Conditioners. Three phase 3 x 400V ± 15% / 3 x 400V.

«RE 2» Voltage Stabilisers. Three phase 3 x 400V ± 15% / 3 x 400V.

Type	Power (kVA)	Max. Amps	Dimensions (mm.)			Weight (kg)
			Depth	Width	Height	
RET 3-4	3	4,3	530	300	220	52
RET 6-4	6	8,7	650	340	240	61
RET 9-4	9	13	650	340	240	72
RET 13-4	13,5	20	640	260	640	125
RET 18-4	18	26	640	260	640	138
RET 27-4	27	39	640	260	640	145
RET 36-4	36	52	780	350	690	156
RET 50-4	50	72	780	350	690	168
RET 60-4	60	87	930	430	715	190
RET 75-4	75	108	930	430	715	250
RET 100-4	100	145	690	750	1.600	318
RET 125-4	125	181	690	750	1.600	510
RET 150-4	150	217	690	750	1.600	650

Type	Power (kVA)	Max. Amps	Dimensions (mm.)			Weight (kg)
			Depth	Width	Height	
RET 3-4T	3	4,3	650	340	240	80
RET 6-4T	6	8,7	640	260	640	120
RET 9-4T	9	13	780	350	690	138
RET 13-4T	13,5	20	780	350	690	150
RET 18-4T	18	26	780	350	690	165
RET 27-4T	27	39	930	430	715	190
RET 36-4T	36	52	930	430	715	300
RET 50-4T	50	72	690	750	1.600	400
RET 60-4T	60	87	690	750	1.600	480
RET 75-4T	75	108	690	750	1.600	590
RET 100-4T	100	145	690	750	1.600	780
RET 125-4T	125	181	1.000	900	1.800	950
RET 150-4T	150	217	1.000	900	1.800	1.100

Three phase models are also manufactured for 3 x 230V. For other power rating, voltages and/or specifications, please consult. SALICRU, S.A. reserves the right to modify the above specifications without notice.

