



MEDIALECTRIX<sup>®</sup>  
AG

We contribute to sustainable environmental protection and conserve your budget!

The eSaver is a worldwide patented transformer with specially designed coil which keeps the „delivered“ electric current to the level required by appliances. This unique product reduces power consumption in your company’s network by 15-25% and significantly increases the lifespan of the consuming appliances.

# 1.0 Functional principle

In order to keep power supply stable, energy companies feed power into the grid at levels that are significantly higher than the voltages needed to run appliances.

In addition, the minimal net energy loss from the eSaver leads to a maximum net energy gain.

The extra voltage is converted into heat; this damages the consuming appliances, such as Coolers, motors, lamps, air conditioners, elevators, etc.

Since too high voltage shortens the lifespan of electric appliances, voltages should always be within 10% of the recommended level.

The eSaver reduces power consumption by reducing the tension leading to a reduction of the electric current.

The eSaver reduces electric power consumption, without exceeding the 10% limit. The significantly reduced current results in less heat and thus prolong the life of electrical appliances.

Unlike other electronic devices, the system does not cause any clings, but filters out and suppresses them. The cosine phi (power factor) does not get worse by the use of eSaver.

Efficiency with and without the eSaver

	Volt IN	Ampère IN	Volt OUT	Ampère OUT	Redution (KVA)
Without eSaver	100%	100%	100%	100%	-----
With eSaver	100%	81%	90%	90%	19% (Double -effect)

We provide to our eSaver 10 years warranty!

## 2.0 Area of application

The eSaver is best suited for companies. eSaver can be installed everywhere in a company and is an integral part of a company's power system. It can easily be fitted into any part of the system. There are no complications or drawbacks.

The eSaver works here in your favour: Referenzen

- ✓ in Industries and Lager houses
- ✓ in supermarket und Stores
- ✓ in administrative buildings
- ✓ in Hotels and Restaurants
- ✓ in schools & Sports halls
- ✓ Street Lightens, etc.

### **MIGROS** - Group Swiss

Migros is traditionally a part of the Swiss society.  
The company is actively engaged in the economic and ecological design of the country. We have been successfully installing running eSavers for the Migros Group since 2007

### Others

Warehouse Delmont- Schweiz  
Manor AG Warehouse Basel- Schweiz  
Manor AG Warehouse Chur- Schweiz  
Different Supermarkets

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# 3.0 Your advantages

Effective and assured reduction of electric current costs

Through the principle of optimized voltage within the Norms of the network Voltage from 230/400 V -10% / +6% (German Institute for Standardization IEC 60038) without any comfort losses. From about 5000 kWh of electricity consumption in a month, eSaver can also be of profit gains to your company. Through the immediate electricity-reduction costs, the investment is paid off within a period less than a few months.

With the optimal conditions, the monthly Savings in electricity cost can be higher than the finance rates. This means you save cash with immediate installation.

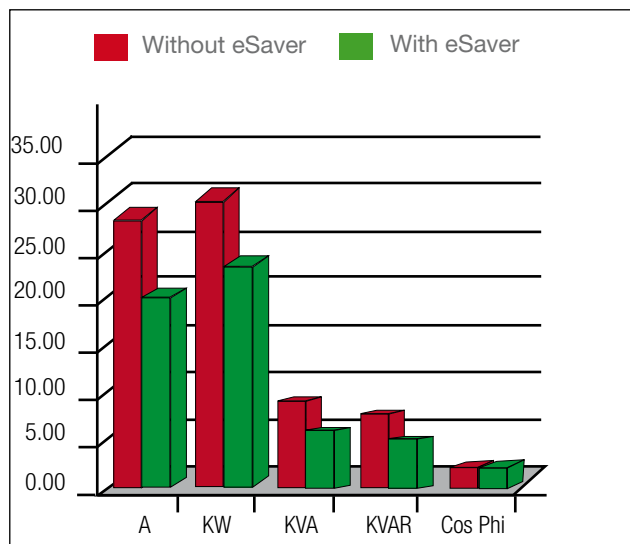
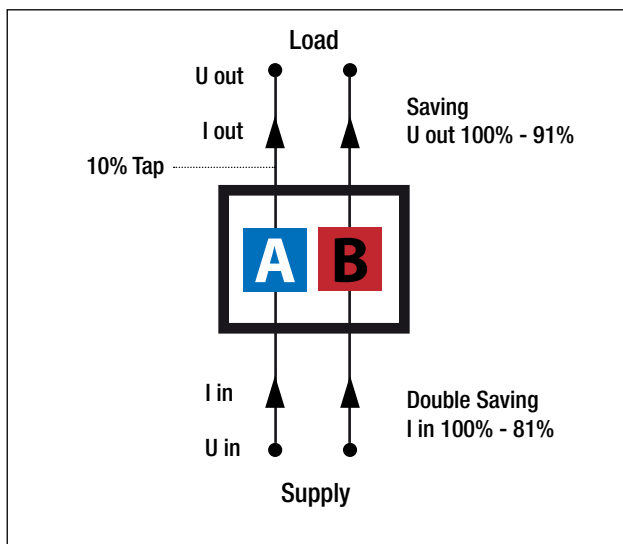
Higher Gross Margins

Increase in gross Margins through reduction of Fixed costs

Determine cost-consciously your Energy consumption!

- ✓ Simple and fully integrated,
- ✓ without any disturbing modification measures,
- ✓ eSaver is maintenance-free,
- ✓ short amortization time,
- ✓ works faults- free,
- ✓ easy installation,

We have for every area of application, the right equipment.



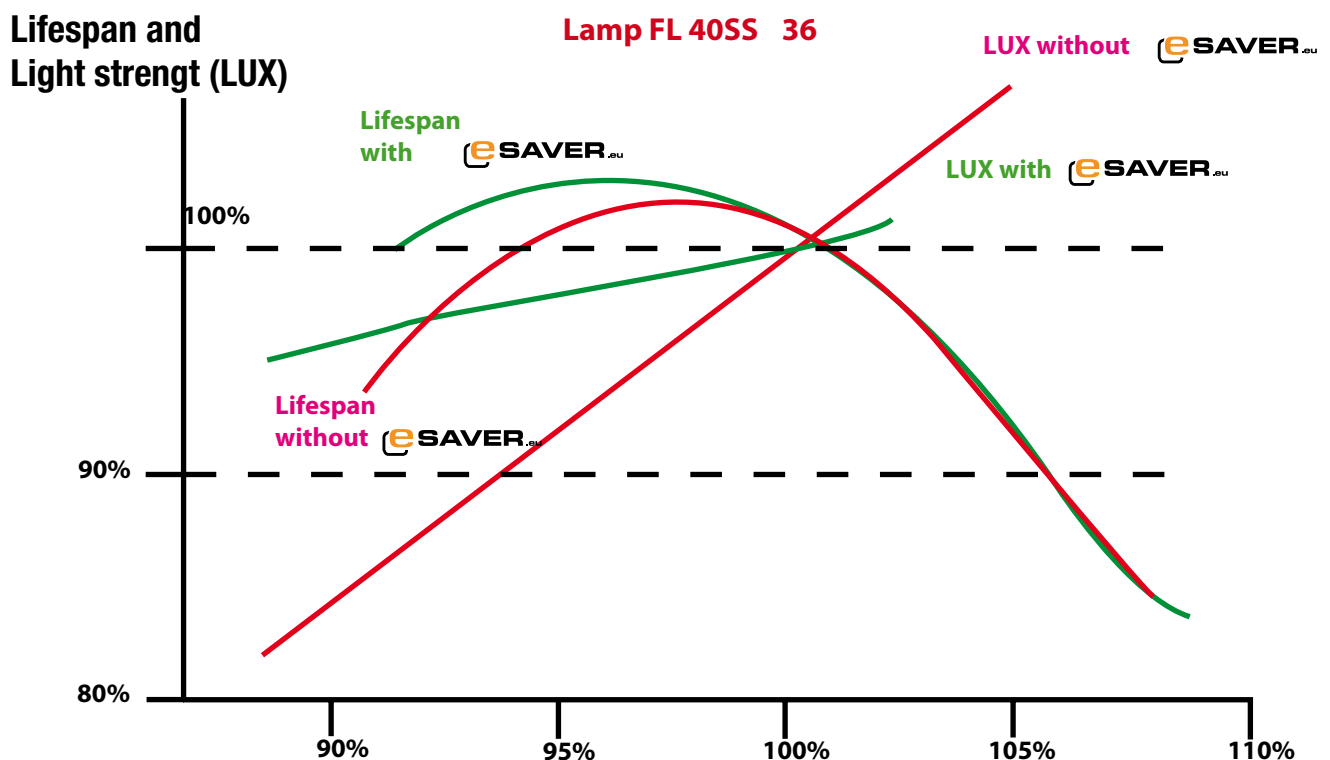
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# 4.0 Others advantages

## Prolonged Lifespan for almost all Lighting

Good to Know!!!

Old electric appliances have been designed for 220 V, i.e. they work partly in an overload operation. Less wear out means longer lifespan.



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## eSaver – List of available devices

KVA	Volt	Ampere	Breite	Höhe	Tiefe	Trafo Gewicht	Schrank Gewicht	Schrank Grösse
			mm	mm	mm	Kg	Kg	in cm: H x B x T
7,5	220V / 380V	20A / 11.5 A	170	150	136	9	18	50 x 50 x 30
15.0	220V / 380V	40A / 23A	220	195	160	16	24	50 x 50 x 30
22.5	220V / 380V	60A / 35A	220	195	190	21	38	50 x 50 x 30
30.0	220V / 380V	80A / 46A	260	240	170	25	44	60 x 50 x 30
37.5	220V / 380V	100A / 57A	260	240	180	29	50	60 x 50 x 30
45.0	220V / 380V	118A / 69A	285	270	210	35	55	60 x 50 x 30
60.0	220V / 380V	157A / 95A	290	270	225	38	58	80 x 60 x 40
75.0	220V / 380V	196A / 115A	310	310	210	48	66	80 x 60 x 40
100.0	220V / 380V	262A / 150A	340	310	255	63	85	100 x 80 x 40
125.0	220V / 380V	360A / 190A	340	315	250	68	90	100 x 80 x 40
150.0	220V / 380V	393A / 230A	390	360	260	82	110	100 x 80 x 40
200.0	220V / 380V	524A / 300A	350	350	300	104	155	120 x 80 x 50
250.0	220V / 380V	656A / 380A	370	400	300	112	230	160 x 80 x 60
300.0	220V / 380V	787A / 460A	420	430	300	125	250	200 x 80 x 60
400.0	220V / 380V	1050A / 600A	420	510	340	185	420	200 x 80 x 60
500.0	220V / 380V	1300A / 760A	540	635	350	227	480	200 x 80 x 60
600.0	220V / 380V	1600A / 900A	540	635	350	253	580	210 x 90 x 60
800.0	220V / 380V	2100A / 1200A	600	715	380	321	700	210 x 90 x 60
1'000.0	220V / 380V	2630A / 1500A	600	715	400	375	780	210 x 90 x 60
1'300.0	220V / 380V	3410A / 2000A	800	800	520	527	950	210 x 110 x 80
1'600.0	220V / 380V	4200A / 2400A	800	800	580	635	1'050	On demand
2'000.0	220V / 380V	5250A / 3000A	800	810	635	690	1'650	On demand

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# 5.0 The MediaelectriX AG

Do not miss an environment friendly energy saving opportunity!

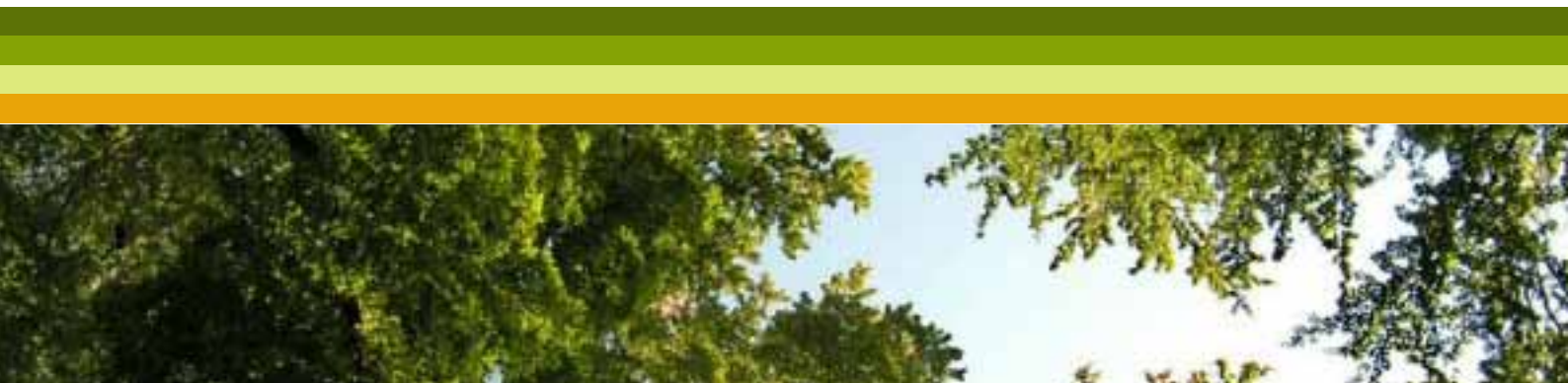
- ✓ We are a reliable and competent partner at your side.
- ✓ We optimize your energy costs comprehensively.
- ✓ We raise your profitability and therefore your competitiveness.
- ✓ We reduce your electricity consumption.
- ✓ We offer customer specific appliance advise on basis of site visits and
- ✓ where appropriate, conduct a network analysis.

## Synergy

Our PR and advertising departments can help you develop your unique marketing campaign that is unique to you and to your wish puts your company up for promotion.

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# Active climate protection through CO<sup>2</sup> - Savings



Conserve the environment, since each kWh saved reduces the CO<sub>2</sub> emissions by approx. 0.683 kilograms. The eSaver is manufactured according to the following standards:

- ✓ DIN EN 60439 – 1/4 Low Voltage switching Equipment
- ✓ The transformer eSaver = Protects Environment
- ✓ Certificates and CE- Signs.

## Contact

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