

Save It Easy[®]

The Ultimate Plug & Save e-Ballast Conversion Units



**Saving Cost, Energy
& the Environment**

www.saveiteasy.co.uk

How Save It Easy® Units Work



They Exploit Latest Lamp Technology

The new T5 and T8 high frequency tri-phosphor tubes which **Save It Easy**® conversion units enable you to install in existing luminaires give a light output equivalent to that of older tubes at dramatically lower electrical consumption.

They Generate Major Energy and Cost Savings

The reduced ballast losses of high frequency operation combined with new high efficiency fluorescent tubes give energy savings of up to 45% in existing installations (see product information tables).

They Simply Plug In

Retrofit **Save It Easy**® conversion units simply plug into existing Switchstart and Quickstart luminaires, transforming them electronically from conventional to high frequency ballast of correct type and size to accept high-efficiency T5 and T8 fluorescent tubes.



What You Get from Save It Easy®



You get Impressive Energy Savings

because you achieve the combined efficiency gains of HF replacement of standard electromagnetic ballasts plus new high efficiency tubes, giving proven energy savings of up to 45%.

You Get Massively Reduced Investment

because the expense of converting existing lighting units is a small fraction of the capital cost of a programme of luminaire replacement.

You Get Trouble Free Installation

because quick non-disruptive installation is both economical and user-friendly, minimising premises down-time and avoiding the need for highly qualified electricians and all the engineering problems of new attachments and re-wiring.

- Low Initial Cost
- Halved Maintenance Needs
- Trouble-free fitment
- Dramatic Electricity Savings
- Extended Tube Life
- Outstandingly Rapid Payback

...this truly is a 'Plug & Save' product!

Save It Easy®

The Concept

High frequency fluorescent lighting ballasts give circuit power savings of some 20% or more. By combining HF ballasts with new high efficiency tubes energy consumption can be reduced by up to 45% whilst maintaining lighting levels.

But most luminaires do not have HF ballasts. The lighting world has a massive investment in conventional electromagnetically ballasted luminaires, which are also of the wrong size to accept new T5 high efficiency tubes.

The expense and disruption of ditching that existing investment and installing a whole new generation of luminaires is the greatest single barrier to achieving the cost and environmental advantages now possible.

Save It Easy® has been designed to remove that barrier by enabling existing fittings to use latest technology. Its retrofit components electronically convert existing luminaires to HF operation and enable those converted fittings to accept the new high efficiency tubes.

In addition, super-simple installation is central to the **Save It Easy®** concept. Fitted to new high efficiency tube ends the units simply plug into existing luminaires, enabling the work to be undertaken by in-house maintenance staff without the need for qualified electrical engineers.



Save It Easy[®]

Product Information

The INLINE T5 Series

These **Save It Easy[®]** units are designed to give trouble-free retrofit of high efficiency T5 linear fluorescent tubes into existing standard T8 and T12 fixtures.

Standard T8 FTL and Fixture	Type of T8 FTL and its operating power with Conventional Electromagnetic Ballast (EEI=D)		Type of T5 high efficiency FTL used with Save It Easy[®] and its operating power		Power Saved	% Energy Saved
2 feet T8 (590mm)	18W	27W	Inline T5 14W	16.5W	10.5W	38%
2 feet T12 (590mm)	20W	30W	Inline T5 14W	16.5W	13.5W	45%
4 feet T8 (1200mm)	36W	46W	Inline T5 28W	30.0W	16.0W	34%
4 feet T12 (1200mm)	40W	49W	Inline T5 28W	30.0W	19.0W	38%
5 feet T8 (1500mm)	58W	72W	Inline T5 35W	39.0W	33.0W	45%
5 feet T12 (1500mm)	65W	78W	Inline T5 35W	39.0W	39.0W	50%

The INLINE T8 Series

These **Save It Easy[®]** units are designed to make possible the retrofit of shorter high efficiency T8 fluorescent tube lamps into existing longer T8 or T12 fixtures.

Standard T8 and T12 FTL and Fixture	Type of T8 FTL and its operating power with Conventional Electromagnetic Ballast (EEI=D)		Type of T8 FTL used in combination with various types of Save It Easy[®] and its operating power		Power Saved	% Energy Saved
6 feet T8 (1800mm)	70W	84W	Inline T8 58W	62.0W	22.0W	26%
6 feet T12 (1800mm)	85W	90W	Inline T8 58W	62.0W	28.0W	32%
8 feet T12 (2400mm)	125W	175W	Inline T8 70W	77.0W	98.0W	56%

Save It Easy®

Product Combination Chart

The table below shows the typical **Save It Easy®** conversion strategy for existing technology lamps.

Existing Lamp	New Lamp	Save It Easy® Product	Expected Energy Savings (%)
8 feet T12 125W	T8 70W	INT-240-070-T8A	56%
6 feet T12 85W	T8 58W	INT-240-058-T8A	32%
5 feet T12 65W	T5 35W	INL-UHL-45F-T5A	50%
4 feet T12 40W	T5 28W		38%
2 feet T12 20W	T5 14W	INL-240-014-T5A	45%
6 feet T8 70W	T8 58W	INT-240-058-T8A	26%
5 feet T8 58W	T5 35W	INL-UHL-45F-T5A	45%
4 feet T8 36W	T5 28W		34%
2 feet T8 18W	T5 14W	INL-240-014-T5A	38%

These results are achieved in addition to increased lamp life, reduced circuit power losses and less demand on air conditioning due to lower heat output.

Save It Easy® complies to the following International Standards:

EN61347-1
 EN61347-2-3
 EN60929
 EN55015
 EN61547
 EN61000-3-2
 EN61000-3-3



Save It Easy® is a registered Trademark
 Originating German Patent
 No. 198 53 138

RoHS Directive 2002/95/EC compliant,
 containing no hazardous substances.

Patent protected in over 50 countries worldwide

Save It Easy[®]

Service and Support

Free Savings Assessment

Just complete a simple questionnaire and we will give you a report setting out the costs and the savings of the **Save It Easy[®]** solution for your application.

Trials

If you have a large application we will be happy to arrange a **Save It Easy[®]** 'proof of performance' trial at a location of your choice.

Site Survey and Installation

If you are short of resources we can carry out the surveys and install the products for you. Alternatively, we will provide your in-house staff or sub-contractors with the appropriate briefings.

Rental Facility*

If CAPEX is a problem we have a rental option which can cover both purchase and installation and which enables the energy savings to finance the rental costs.

*Terms and conditions apply.

Two Years Warranty

All **Save It Easy[®]** units are backed by a no-hassle full replacement warranty against manufacturing fault or failure in operation during the first two years of use.



About Energy Conservation Solutions Limited



Energy Conservation Solutions Limited (ECSL) is a wholly owned subsidiary of the Energys Group, one of Britain's leading companies advising and assisting industrial, commercial and public sector organisations on reducing energy use and costs.

As indicated by its 'Innovation in Energy Saving' slogan, the primary focus of ECSL is on developing and bringing to market innovative new products with substantial cost-effective energy saving potential.

In addition to its fully developed lighting products, ECSL is currently conducting active research programmes in the fields of refrigeration, voltage stabilisation, boiler efficiency, air conditioning units and building management systems.

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