

About JumboEco



SAVE

Energy

Money

Life

World

JumboEco is a leading innovator in the energy efficiency and storage industry, with over 15 years of expertise in designing and manufacturing cutting-edge energy-saving systems and energy storage solutions. Our mission is to empower businesses and households worldwide to reduce energy consumption, lower costs, and contribute to a sustainable future.

With a dedicated team of 15 skilled engineers and researchers, we continuously push the boundaries of technology to deliver high-performance, reliable, and eco-friendly products. Our state-of-the-art 2,000-square-meter manufacturing facility is equipped with advanced machinery, ensuring the highest standards of quality and efficiency in every product we create. JumboEco's power savers are trusted in over 70 countries, a testament to our commitment to excellence and customer satisfaction. Our energy-saving systems help clients reduce power consumption by up to 30%, while our advanced energy storage solutions provide reliable backup power and optimize energy usage.

By choosing JumboEco, you are partnering with a global leader in energy innovation, dedicated to delivering smart, sustainable, and cost-effective electricity saving solutions for a greener tomorrow. Join us in shaping the future of energy!

Overview of Vscien Light Technology

75%

Leading Manufacturer in China

Vscien Light Technology is a top power saver manufacturer in China. It has over 12 years of experience in the industry.

The company has a strong R&D team and advanced production facilities. It has obtained numerous patents and certifications.

52%

Commitment to Sustainability

Vscien is dedicated to creating energy- efficient products to reduce carbon emissions.

It actively participates in environmental protection initiatives and promotes green energy solutions.

81%

Innovation in Power-Saving Devices

The company constantly invests in research to develop cutting- edge power- saving technologies.

JumboEco is the latest innovation, designed to redefine energy efficiency for various applications.

Why save electricity?



According to data analysis, electrical appliances with a power factor lower than 1.0 are basically resistive and inductive loads, which are relatively power-consuming products. In addition, customers have poor electrical conditions, such as aging lines, use of non-smart appliances, and increased voltage fluctuations. Household appliances that are frequently used will produce line loss, thus causing power consumption."

Best Electricity Saving Solution Parameters

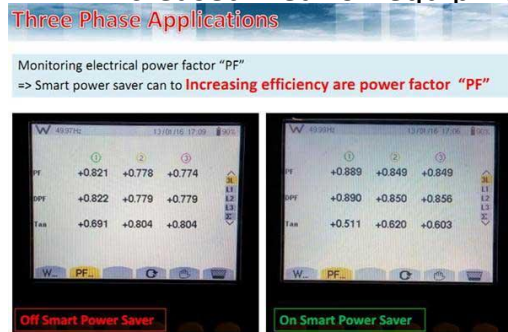
| Model | General Parameters | Advantages | Input Voltage | Gross Weight | Suitable Load in KW | Suitable Working Range In Amp/Phase |
|-------|--|--|--------------------------------------|--------------|---------------------|-------------------------------------|
| C20 | Working Temperature:-40° to +70° IP Level:IP43 Panel Designed:Stainless Steel LCD Display:Power Factor/Current/Voltage/Saving Percentage Of Amp | 1.Automatically monitor the load by current sensor 2.Intelligent compensation according to the needs of the electricity system 3.Exclusive smart software. 4.LCD display to show the U/I/PF/S. 5.Over current/voltage/temperature protection mode. 6.CT installation without needing any orientation. | Three Phase /AC/155V-450V/ 50HZ/60HZ | 14-17KG | 3-30KW | 14Amp-45Amp |
| C60 | LED Display:Compensation Working Status Software:Micro Intelligent Inspection&Compensation Power Compensation Status:64Kinds Control Method:RTOS Embedded Controller:High-Tech Software Controlled | | | | 20-60KW | 35Amp-100Amp |
| C100 | Related Technology:VFD/PID Controlling CT Outside:Choice from customer Phase:3P4W Size:462x422x122mm Amp Saving Rate:10% to 30% | | | | 30-100KW | 45Amp-150Amp |

The Problem of Wasted Energy

Low Power Factor

A low power factor means electrical power is not used efficiently. This results in higher energy bills for consumers.

It also causes excessive demand on power grids, leading to potential power outages and increased wear on equipment.



High Total Harmonic Distortions (THD)

High THD can cause equipment stress, reducing its lifespan and increasing energy losses.

It can also lead to power quality issues, affecting the performance of sensitive electronic devices.

Impact on Environment and Costs

Wasted energy contributes to higher carbon emissions, harming the environment.

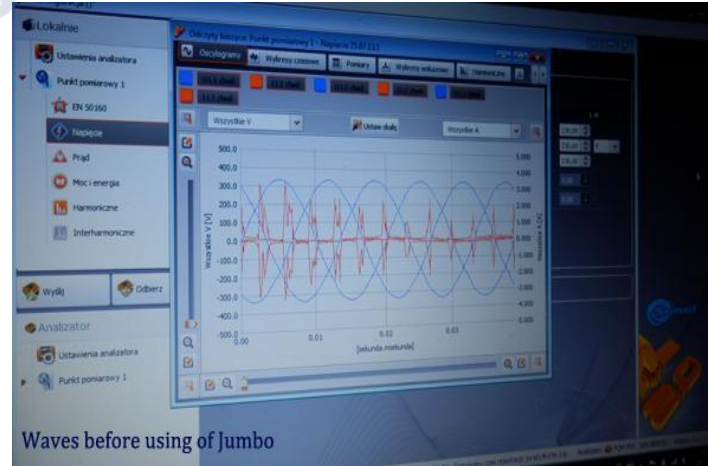
It also drives up operational costs for businesses and households, affecting their financial performance.



Waves before using of JumboEco

Current Optimization

JumboEco adjusts the current to reduce surges and maintain a stable flow of electricity. This helps prevent sudden spikes in power consumption and ensures a smooth operation of electrical systems.



Harmonic Minimization

The device reduces harmful harmonics, improving power quality and transmission efficiency. By minimizing harmonics, JumboEco extends the lifespan of electrical equipment and reduces maintenance costs.

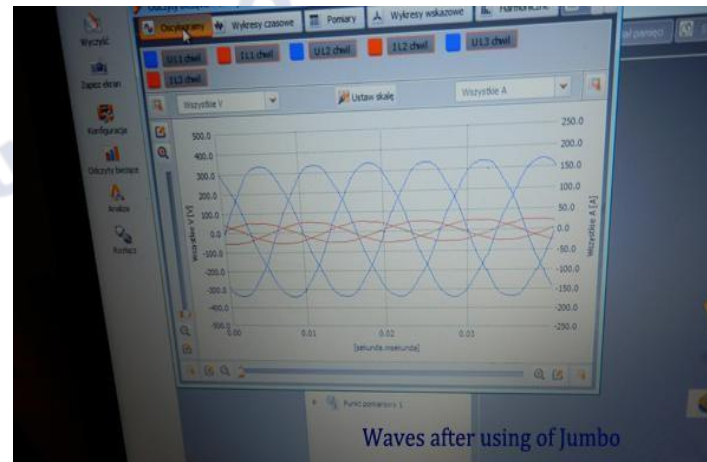
Power Factor Enhancement

JumboEco improves the power factor, making the electrical system more efficient. A higher power factor means less wasted energy, lower electricity bills, and better overall performance.

Waves after using of JumboEco

Voltage Regulation

JumboEco maintains a consistent voltage level, protecting vital equipment from voltage fluctuations. This ensures the reliable operation of electrical devices and prevents damage caused by voltage surges.



Comprehensive Energy Solution



Energy Reduction and Optimization

JumboEco reduces energy consumption by up to 10- 30% in various settings. It optimizes power usage in real- time.

For example, in a factory with a 1MW load, JumboEco can save a significant amount of energy, reducing costs and environmental impact.

Versatile Applications

JumboEco can be used in homes, commercial buildings, industrial plants, and agricultural farms.

It is suitable for any space where energy efficiency is a priority, providing a flexible and scalable solution.

Features and Benefits

JumboEco offers substantial energy savings, reducing electricity bills and operational costs.

It has a smart monitoring system that automatically tracks energy usage and provides real- time data.

The device ensures precision compensation, preventing overcompensation and protecting appliances.



Cost-Effective

| NAFISA SWEET SHOPE SAVING ENERGY REPORT | | | | | | |
|---|-----------|------------|----------|---------------------------|---------|---|
| S.N | day | date | time | electric meter reading KW | KW /24H | Remark |
| 1 | Sunday | 19-11-2017 | 10.22 AM | 149740 | 0 | without device |
| 2 | Monday | 20-11-2017 | | 149839 | 99 | without device |
| 3 | Tuesday | 21-11-2017 | | 149938 | 99 | without device |
| 4 | Wednesday | 22-11-2017 | | 150037 | 99 | without device |
| 5 | Thursday | 23-11-2017 | | 150136 | 99 | without device |
| 6 | Friday | 24-11-2017 | | 150235 | 99 | without device |
| 7 | Saturday | 25-11-2017 | 6.38 PM | 150334.3 | 99.3 | when installing the device |
| 8 | Sunday | 26/11/2017 | 6.38 PM | 150412.3 | 78 | |
| 9 | Monday | 27/11/2017 | 6.38 PM | 150490.6 | 78.3 | |
| 10 | Tuesday | 28/11/2017 | 6.38 PM | 150577.6 | 87 | |
| 11 | Wednesday | 29/11/2017 | 6.38 PM | 150666.7 | 89.1 | Device off and turn off tow fan 1 huor |
| 12 | Thursday | 30/11/2017 | 6.38 PM | 150746.3 | 79.6 | |
| 13 | Friday | 1/12/17 | 6.38 PM | 150794.6 | 48.3 | holiday |
| 14 | Saturday | 2/12/17 | 7.38 PM | 150843 | 48.4 | |
| 15 | Sunday | 3/12/17 | 6.38 PM | 150923.4 | 80.4 | |
| 16 | Monday | 4/12/17 | 6.38 PM | 150997.4 | 74 | |
| 17 | Tuesday | 5/12/17 | 6.38 PM | 151076.4 | 79 | |
| 18 | Wednesday | 6/12/17 | 6.38 PM | 151162.3 | 85.9 | |
| 19 | Thursday | 7/12/17 | 6.38 PM | 151254.3 | 92 | Device off |
| 20 | Friday | 8/12/17 | 6.38 PM | 151327.2 | 72.9 | |
| 21 | Saturday | 9/12/17 | 6.38 PM | 151405.6 | 78.3 | |
| 22 | Sunday | 10/12/17 | 6.38 PM | 151479.6 | 74.1 | |
| 23 | Monday | 11/12/17 | 6.38 PM | 151554.7 | 75.1 | |
| 24 | Tuesday | 12/12/17 | 6.38 PM | 151652.9 | 98.2 | Device off and additional fridge work 10 huor |
| 25 | Wednesday | 13/12/2017 | 6.38 PM | 151739.8 | 86.9 | |
| 26 | Thursday | 14/12/2017 | 6.38 PM | 151813 | 73.2 | |
| 27 | Friday | 15/12/2017 | 6.38 PM | 151863.1 | 50.1 | holiday |
| 28 | Saturday | 16/12/2017 | 6.38 PM | 151913.2 | 50.1 | start work 10 pm (not reading kw we put average) |
| 29 | Sunday | 17/12/2017 | 6.38 PM | 151963.3 | 50.1 | |
| 30 | Monday | 18/12/2017 | 6.38 PM | 152027.7 | 64.4 | electric meter reading KW at 10.27AM (152007 KW) |
| 31 | Tuesday | 19/12/2017 | 6.38 PM | 152105 | 77.3 | |
| 32 | Wednesday | 20/12/2017 | 6.38 PM | 152177.9 | 72.9 | |
| 33 | Thursday | 21/12/2017 | 6.38 PM | 152256.2 | 78.3 | work off 11.30 pm |
| 34 | Friday | 22/12/2017 | 6.38 PM | 152301.55 | 45.35 | start work at 11.30 pm |
| 35 | Saturday | 23/12/2017 | 6.38 PM | 152346.9 | 45.35 | |
| 36 | Sunday | 24/12/2017 | 6.38 PM | 152429.4 | 82.5 | |
| 37 | Monday | 25/12/2017 | 6.38 PM | 0 | 0 | |
| 38 | Tuesday | 26/12/2017 | 6.38 PM | 0 | 0 | |
| 39 | Wednesday | 27/12/2017 | 6.38 PM | 0 | 0 | |
| 40 | Thursday | 28/12/2017 | 6.38 PM | 0 | 0 | |
| 41 | Friday | 29/12/2017 | 6.38 PM | 0 | 0 | |
| | | | | | 2095.1 | total KW |

18.9%

Power Bill Saving

| KW for last 6 Mont | | |
|--------------------|----------|---------|
| Month | total KW | value |
| 2017-06 | 2837 | 608 502 |
| 2017-07 | 2527 | 552 642 |
| 2017-08 | 2557 | 534 022 |
| 2017-09 | 2672 | 564 612 |
| 2017-10 | 2467 | 510 082 |
| 2017-11 | 2585 | 541 47 |
| 2017-12 | 2095.1 | 411 302 |

المملكة الأردنية الهاشمية - المرق - شارع الجامعة - مبنى فيصل بنى خالد - الطابق الثاني - مكتب رقم 11

Kingdome Of Jordan-AI Mafrqa-University Street-Faisal Building-Second Floor Office No 11 .Tel : 0096226235335 - 0096277822271 - Email : Echosea@yahoo.com

Lower Energy Bills

JumboEco reduces energy consumption, resulting in lower electricity bills for users. This provides significant cost savings over time, improving financial performance.

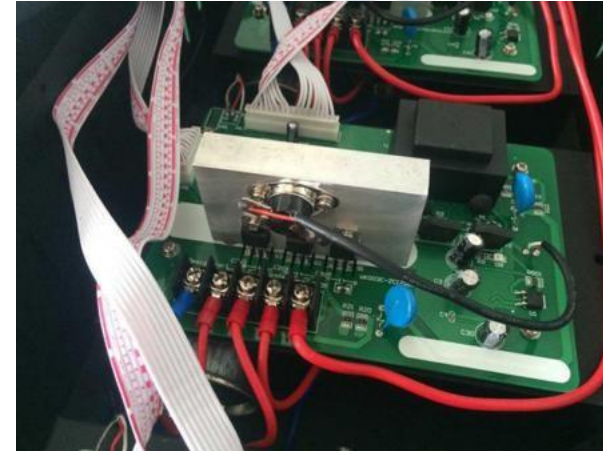
Reduced Maintenance Costs

By protecting equipment from power issues, JumboEco reduces maintenance costs. Users can save on repairs and replacements, further enhancing cost- effectiveness.

Reliable Performance

Backed by Research

JumboEco is backed by years of research and development. The technology has been thoroughly tested to ensure reliability and effectiveness.



Real-World Testing

The device has undergone extensive real-world testing in various settings. This ensures it performs well under different conditions and meets user expectations.



JumboEco C Model in Saving



Certification

CE

RoHS

Certificate of Compliance

Certificate Number: **BST1305283Y-1SC-2**

Applicant: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
 Floor 5B, Jingyue Technology Park, Wafang Road, Shajing Town, Bao'an District, Shenzhen, China

Manufacturer: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
 Floor 5B, Jingyue Technology Park, Wafang Road, Shajing Town, Bao'an District, Shenzhen, China

Product Trade Name: POWER SAVER
 Jumbo-PH02, Jumbo-PH10, Jumbo-PH03, Jumbo-PH04, Jumbo-PH05, Jumbo-PC02, Jumbo-PC03, Jumbo-PC04, Jumbo-PC05, EN 60561-1:2006+A11:2009(A1), 2014/A12:2011

Test Standard: EN 60561-1:2006+A11:2009(A1), 2014/A12:2011

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2006/95/EC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive. The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: BST1305283Y-1SR-2.

Shenzhen BST Technology Co., Ltd.
 Building No.23-24, Zhiheng Industrial Park, Quankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
 Tel: 400-802-9628 E-mail: info@jumboeco.com, Compliance@bst.com, Compliance@bst.com

Certificate of Compliance

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 Tel: 400-802-9628 E-mail: info@jumboeco.com, Compliance@bst.com, Compliance@bst.com

Shenzhen BST Technology Co., Ltd. Report No.: BST17016961A0001Y-1SR-2

JUMBO ENERGY CO.,LTD

CE LVD REPORT

| | |
|-------------------|---|
| Prepared For: | JUMBO ENERGY CO.,LTD 7F Building D.No.2 Dewangshan Industry Park, Shajing Town, Bao An District, Shenzhen City, China |
| Product Name: | POWER SAVER |
| Main Test Model: | JUMBO-C100, |
| Additional Model: | JUMBO-H40, JUMBO-SM25KW, JUMBO-ST25KW, JUMBO-TA25KW, JUMBO-TB79KW, JUMBO-TC200KW, JUMBO-STC350 |
| Prepared By: | Shenzhen BST Technology Co., Ltd. Building No.23-24, Zhiheng Industrial Park, Quankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China |
| Test Date: | Dec. 30, 2016 – Jan. 10, 2017 |
| Date of Report: | Jan. 10, 2017 |
| Report No.: | BST17016961A0001Y-1SR-2 |

Shenzhen BST Technology Co., Ltd. Report No.: BST17016961A0001Y-1SR-2

Shenzhen BST Technology Co., Ltd. Report No.: BST17016961A0002Y-1SR-2

CE

RoHS

FCC

Test Report

Product Name: Power Saver
Model Name: JUMBO-C100, JUMBO-H40, JUMBO-SM25KW, JUMBO-ST25KW, JUMBO-TA25KW, JUMBO-TB79KW, JUMBO-TC200KW, JUMBO-STC350
Applicant Name: JUMBO ENERGY CO., LTD
Address of Applicant: 7F, Building D, No. 2 Dewangshan Industry Park, Shajing Town, Bao An District, Shenzhen City, China
Inspection category: Entrustment inspection
Test date: Jan. 06, 2017—Jan. 10, 2017

Tester: *Ken* Review: *Wes* Approved:

JUMBO ENERGY CO.,LTD

TEST REPORT

| | |
|-------------------|---|
| Prepared For: | JUMBO ENERGY CO.,LTD 7F Building D.No.2 Dewangshan Industry Park, Shajing Town, Bao An District, Shenzhen City, China |
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| Prepared By: | Shenzhen BST Technology Co., Ltd. Building No.23-24, Zhiheng Industrial Park, Quankouer Road, Nantou, Nanshan District, Shenzhen, Guangdong, China |
| Test Date: | Dec. 30, 2016 – Jan. 10, 2017 |
| Date of Report: | Jan. 10, 2017 |
| Report No.: | BST17016961A0002Y-1SR-2 |

Over-Voltage/Over-Current/Over-Temperature Protection

01

Safeguarding Against Surges

JumboEco provides over-voltage protection, safeguarding equipment against sudden voltage surges. This prevents damage to sensitive electronic devices and extends their lifespan.

02

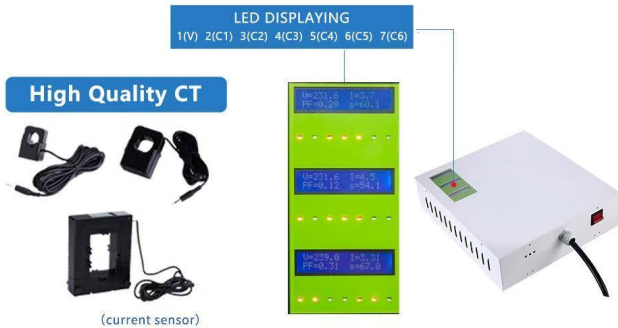
Preventing Over-Current

The device offers over-current protection, preventing excessive current flow that can damage circuits. This ensures the safe operation of electrical systems and reduces the risk of electrical fires.

03

Protecting Against Overheating

JumboEco has over-temperature protection, preventing overheating of components. This ensures the reliable performance of the device and protects it from damage due to excessive heat.



Installation Process

01

Positioning of JumboEco

JumboEco is installed after the electric meter or near inductive loads.

This ensures accurate monitoring and effective optimization of energy usage.

02

Legal and Compliant

The installation complies with energy regulations, ensuring 100% legality. Users can confidently use Jumbo without worrying about regulatory issues.

03

Effortless Setup

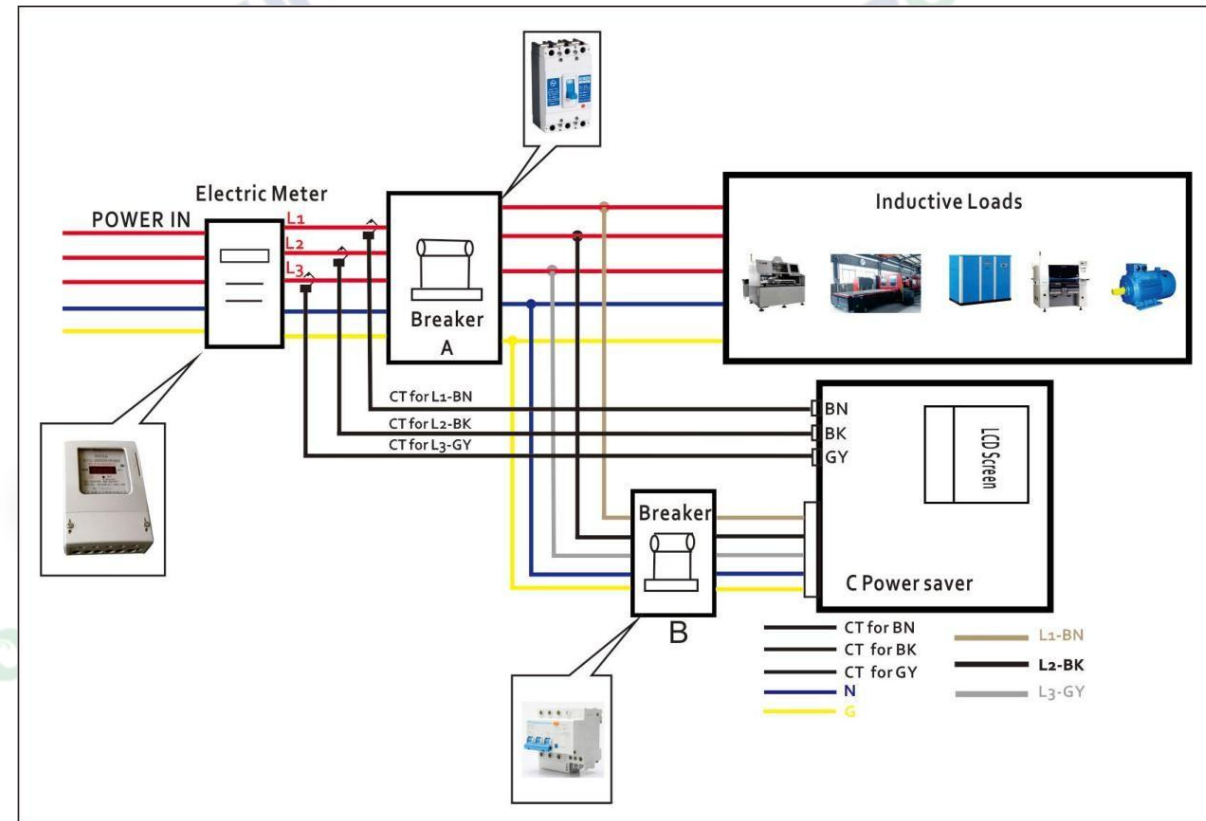
The installation process is straightforward and hassle-free.

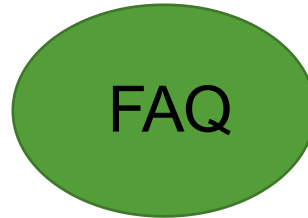
It requires minimal technical expertise, making it accessible to a wide range of users.

C Model Installation

1. Please choose the right C saver model for installation.
 2. C saver can be installed after the power meter for the whole system or be close to any 3P4W inductive load. A separated breaker B (≥ 32 Amp) is suggested to be installed before C saver.
 3. There are 8 wires from the C saver. Brown, Black and Gray are live phase "L1"&"L2"&"L3". Blue is neutral phase "N". Green-Yellow is ground "G". 3 Black wires are CT wires: CT for BN=The current sensor for the brown wire phase of C saver; CT for BK=The current sensor for the black wire phase of C saver; CT for GY=The current sensor for the gray wire phase of C saver;
 4. Turn the main breaker "A" & branch breaker "B" off, connect the "L1"&"L2"&"L3" & "N" phases after the breaker "B", and "G" wire to earth. Insert the CT heads tightly into the C saver CT sockets. Don't plug in or out the CT heads when the C saver Switcher is ON, or you may damage the controller inside of C saver.
 5. If all connection are right after double checking, turn the breaker "A" on to power loads. After 60 seconds, firstly, turn the breaker "B" on. Later, turn the switcher from the C saver on to power the C saver.
 6. As long as all of the LCD screens shows data U/I/PF/S, then, hang CT connectors on "L1"&"L2"&"L3" phase to start the saving mode. U/I/PF/S data will be changed automatically according to the working status of C saver.
- Note: ①. U=System Voltage; I=System Current; PF=System Power Factor; S=System Amp Saving Rate. ②. LED 1=Power on/off; LED2 to LED 7=Working Mode of C Saver; LED1-LED7 from left to right.
7. If there isn't load working in the system, please turn the breaker "B" off and the Switcher from C saver off. If there is loads working, please turn the breaker "B" on and then the Switcher from C saver on for saving.
 8. If any LCD screen or all LED lights from any phase isn't working, please contact the supplier for help.

The wiring diagram of Jumbo-C





Q.How does it work, if it really saves power?

There's smart microchip inside the box. It can automatically monitor the load, give the best compensation, improve the power factor, purify the electricity system, prolong the life-span of the machine, really save your electricity bill

Q.What's the saving percent?

10%-30% power saving. In some inductive load, and the machine is very old, low efficiency, even it can up to 40%.

Q.Where can I install the JumboEco power saver?

You can install one JumboEco unit after the main breaker, or install several units with individual load.

Q.Have your products passed CE FCC ROHS such certifications?

All JumboEco power saver electricity reducing box have passed such certifications.

Q.What's the warranty of JumboEco?

There's 2 year warranty for JumboEco. In this 2 years, if there's any quality issue of functions inside, new accessories will be exchanged, we'll send free new part to you. After 2 years, clients should responsible for the new part's cost and shipping cost.

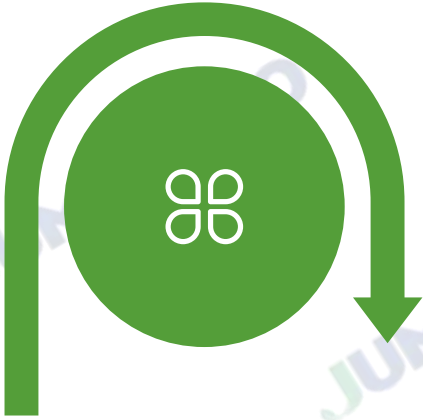
Q. How can I get some samples?

You just need to pay us by Western Union or Paypal (100% payment before delivery). And we will send you samples normally in 3 working days.

Q. How can I choose the suitable model?

You need to know the phase and Amps of the load, then you can choose the suitable model according to the working range as mentioned in the parameters table. Take a 30 Amps load or system for example, Jumbo-C Model is ok, but for intelligent models, if you want to get more effective saving rate, a bigger model is suggested, so, we can use Jumbo C Model .

Contact US



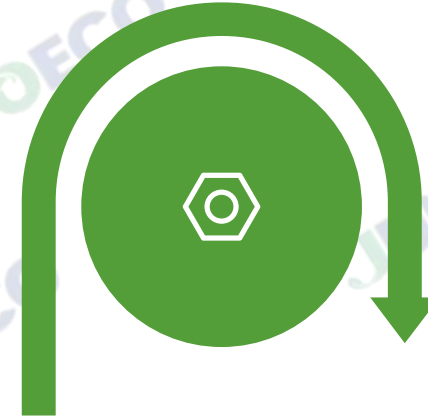
Personalized Consultation

Ready to transform your energy system?
Contact us for a personalized consultation.
Our experts will guide you through the
process and help you discover the benefits of
JumboEco.



Email and Website

For inquiries, Please
Email: qin@jumbopowersaver.com
website: www.jumbopowersaver.com



Join the Movement

Join the energy-saving revolution today!
Switch to C Model and start saving on your
electricity bills while contributing to a greener
planet.