JUMBOECO

About JumboEco

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

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.

01

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.

02

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.

03

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."

JUMBOECO

Best Electricity Saving Solution Parameters

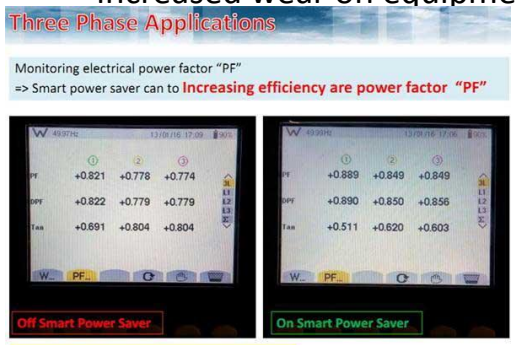
Model	General Parameters	Advantages	Input Voltage	Gross Weight	Suitable Load in KW	Suitable Working Range In Amp/Phase
STC50	Working Temperature:-40° to +70° IP Level:IP43 Panel Designed:Stainless Steel LCD Display:Voltage Software:Micro Intelligent Inspection&Compensation Power Compensation Status:64Kinds Control Method:RTOS Embedded Controller:High-Tech Software Controlled Related Technology:VFD/PID Controlling CT Outside:Choice from customer Phase:3P4W Size:425x280x140mm Amp Saving Rate:10% to 30%	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 Voltage. 5.Over current/voltage/temperature protection mode. 6.CT installation without needing any orientation.	Three Phase /AC/155V-450V/ 50HZ/60HZ	7-19KG	15-60KW	25Amp-195Amp
STC100					25-100KW	
STC200					50-100KW	
STC300					100-200KW	

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.

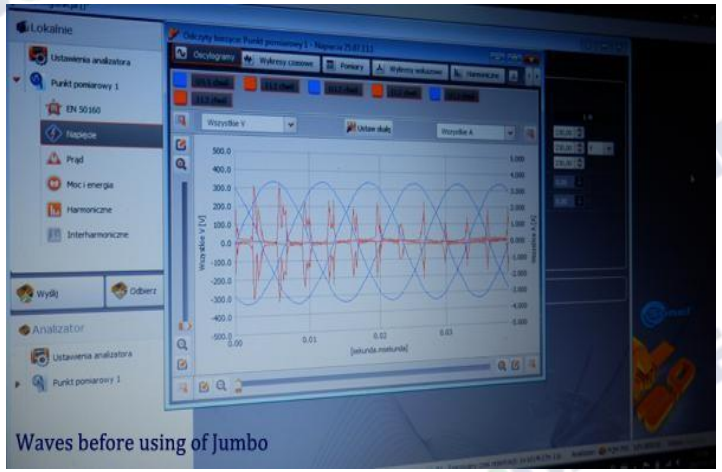
It can also lead to power quality issues, affecting the performance of sensitive electronic devices.

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.

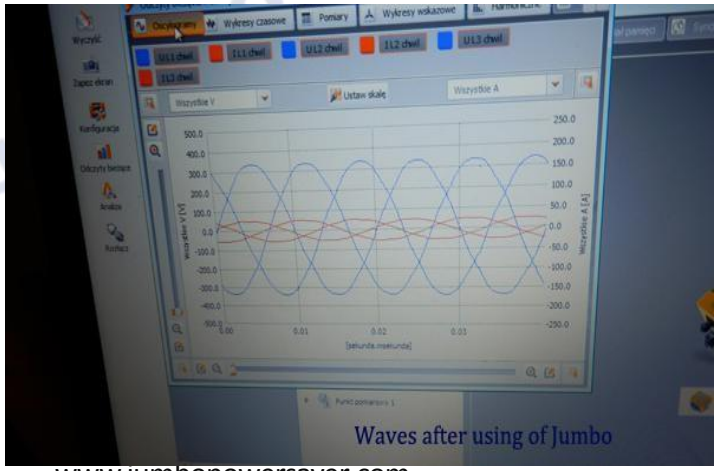
This helps prevent sudden spikes in power consumption and ensures a smooth operation of electrical systems.

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.

Waves after using of JumboEco



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.

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	151405.5	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		
38	Tuesday	26/12/2017		0	0	
39	Wednesday	27/12/2017		0	0	
40	Thursday	28/12/2017		0	0	
41	Friday	29/12/2017		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 - المفرق - شارع الجامعة - مبنى فيصل بني خالد - الطابق الثاني - مكتب رقم 11 ,
Kingdome Of Jordan-Al Mafraq-University Street-Faisal Building-Second Floor Offic No 11 ,Tel : 0096226235335 - 00962777822271 -
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.

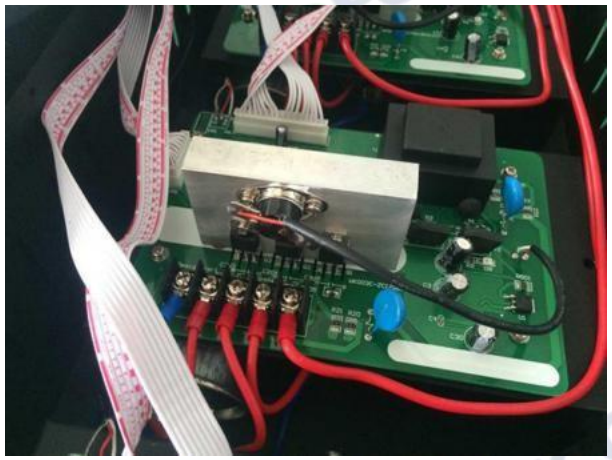
Users can save on repairs and replacements, further enhancing cost- effectiveness.

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.



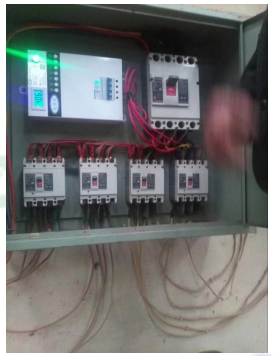
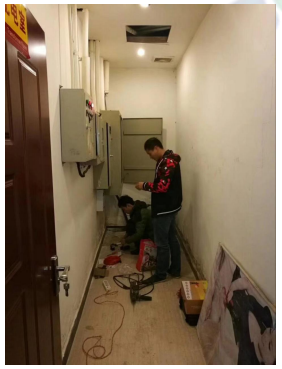
Real-World Testing

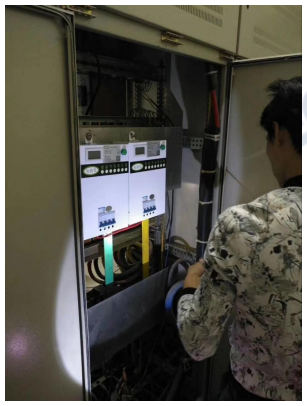
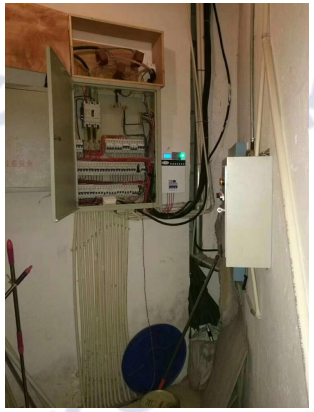
The device has undergone extensive real- world testing in various settings.

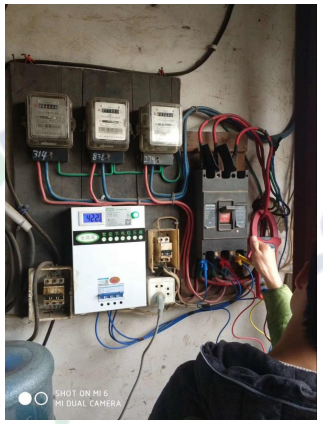
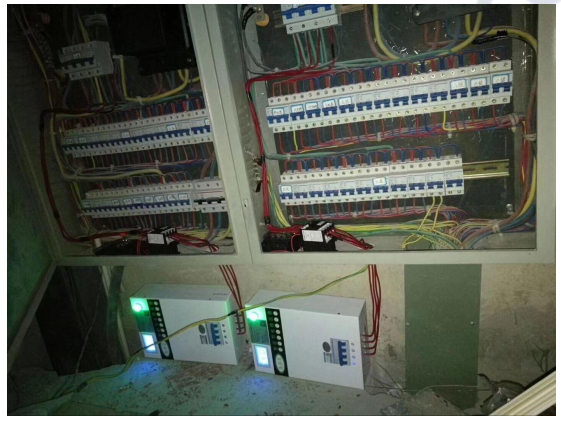
This ensures it performs well under different conditions and meets user expectations.

JumboEco Voltage Optimization Model in Saving

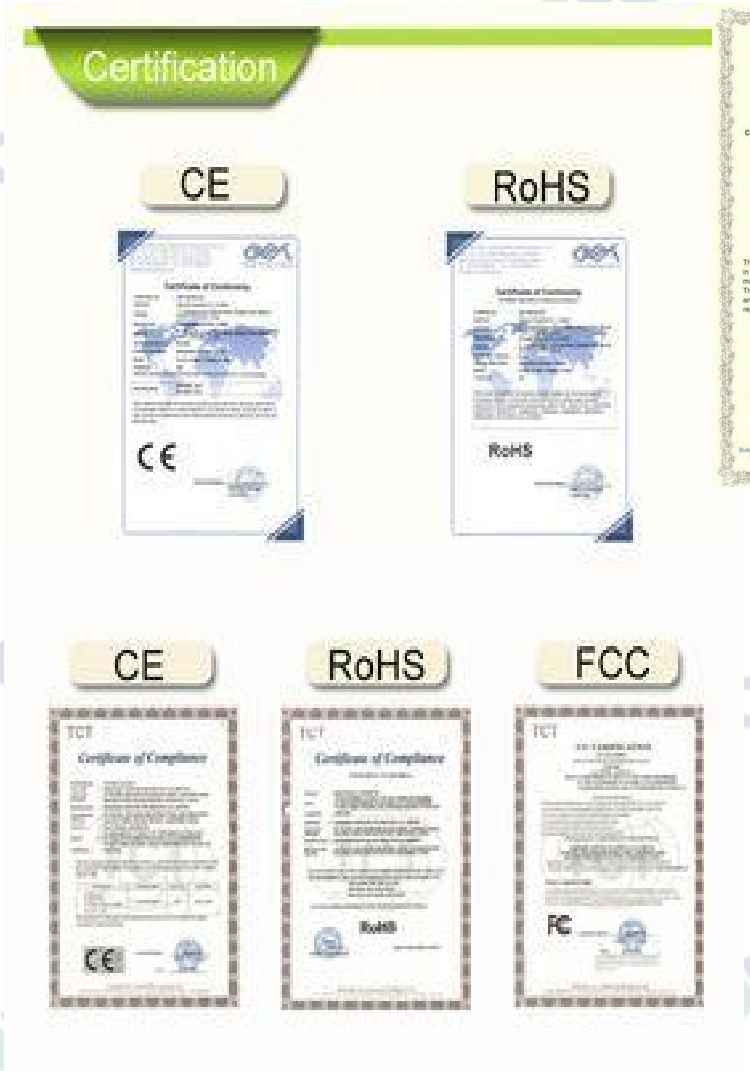



CERTIFICATION OF JUMBOECO




Certificate of Compliance

Certificate Number: BST13050263Y-1SC-2

Applicant: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
Floor 5th, Jingyefang Technology Park, Wanfeng Road, Shajing Town, Bao'an District, Shenzhen, China

Manufacturer: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
Floor 5th, Jingyefang Technology Park, Wanfeng Road, Shajing Town, Bao'an District, Shenzhen, China

Product: POWER SAVER
Trade Mark: Jumbo
M/N: Jumbo-PH30, Jumbo-PH10, Jumbo-PH20, Jumbo-PH40, Jumbo-PH60, Jumbo-PC20, Jumbo-PC40, Jumbo-PC60, Jumbo-PC80, Jumbo-PC100
Test Standard: EN 60950-1:2006+A11:2009+A1: 2010+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: BST13050263Y-1SR-2.

Christina
Manager
May.11 , 2012

Shenzhen BST Technology Co.,Ltd.


Certificate of Compliance

Certificate Number: BST13050263Y-1SC-2

Applicant: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
Floor 5th, Jingyefang Technology Park, Wanfeng Road, Shajing Town, Bao'an District, Shenzhen, China

Manufacturer: SHENZHEN JUMBO POWER TECHNOLOGY CO., LIMITED
Floor 5th, Jingyefang Technology Park, Wanfeng Road, Shajing Town, Bao'an District, Shenzhen, China

Product: POWER SAVER
Trade Mark: Jumbo
M/N: Jumbo-PH30, Jumbo-PH10, Jumbo-PH20, Jumbo-PH40, Jumbo-PH60, Jumbo-PC20, Jumbo-PC40, Jumbo-PC60, Jumbo-PC80, Jumbo-PC100
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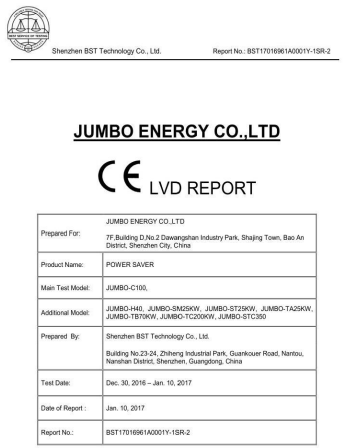
Christina
Manager
May. 21, 2013

Shenzhen BST Technology Co.,Ltd.


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 Dawangshan 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-TB70KW, JUMBO-TC200KW, JUMBO-STC350
Prepared By:	Shenzhen BST Technology Co., Ltd. Building No.23-24, Zhiheng Industrial Park, Guankouer 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.: BST17016961A0003Y-1SR-2


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

Test Report

Product Name: Power Saver

Model Name: JUMBO-C100, JUMBO-H40, JUMBO-SM25KW, JUMBO-ST25KW, JUMBO-TA25KW, JUMBO-TB70KW, JUMBO-TC200KW, JUMBO-STC350

Applicant Name: JUMBO ENERGY CO.,LTD

Address of Applicant: 7F,Building D,No.2 Dawangshan 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: Mes Approved:

JUMBO ENERGY CO.,LTD

TEST REPORT

Prepared For:	JUMBO ENERGY CO.,LTD 7F,Building D,No.2 Dawangshan 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-TB70KW, JUMBO-TC200KW, JUMBO-STC350
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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.

Installation

1. Please select the appropriate model for installation.

2. The intelligent power-saving system can be installed on the entire electrical system or near any three-phase four-wire inductive load. It is recommended to install a 32A circuit breaker.

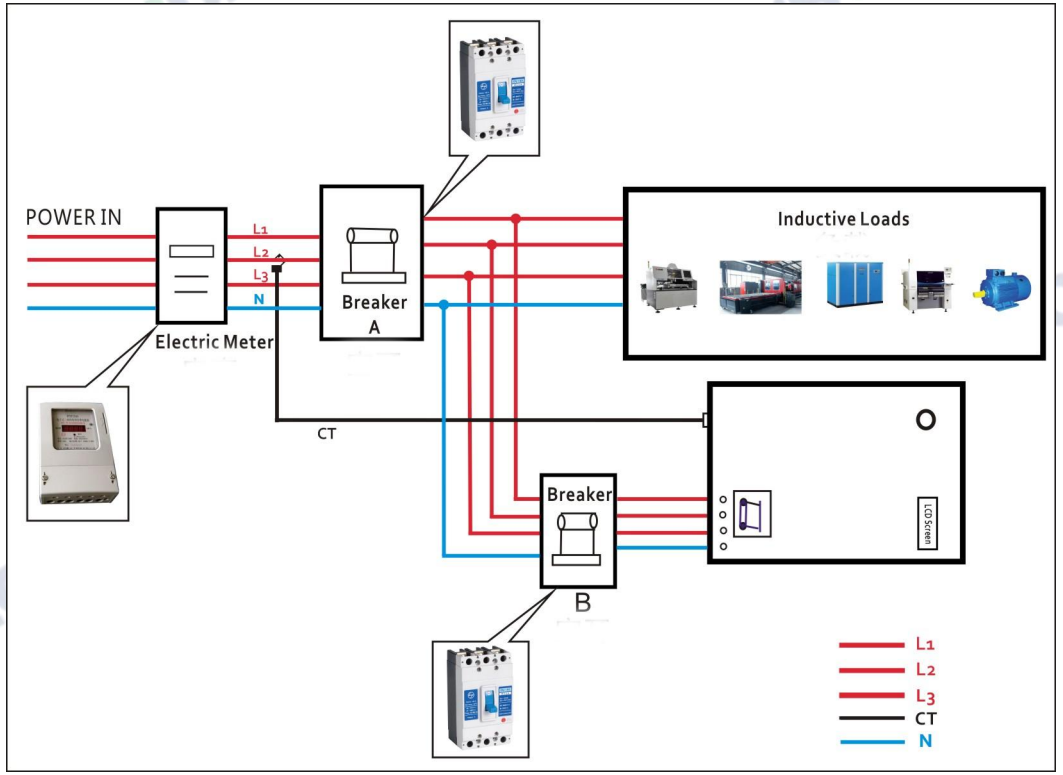
3. The intelligent power-saving system has a total of 5 external wires: red for the live wires L1, L2, L3; blue for the neutral wire N; and black for the CT wire.

4. Turn off the main circuit breaker A and the sub-circuit breaker B. Connect the four wires L1, L2, L3, and N behind circuit breaker B. Insert the CT plug tightly into the CT interface of the power-saving device. Hang the end of the CT wire on any live wire. When the intelligent power-saving system is already running, do not plug or unplug the CT connector randomly to prevent damage to the internal control board of the intelligent power-saving system.

5. If all wiring checks are correct, first turn on circuit breaker A. The circuit will supply power normally, and the load will start running. After 60 seconds, turn on circuit breaker B, and then turn on the switch of the intelligent power-saving system to start its operation.

6. Check whether the display screen of the intelligent power-saving system shows normal information and whether the green indicator light is on. If everything is normal, the intelligent power-saving system will be in working condition. If the LCD display shows no information or the indicator light is off, please contact the manufacturer promptly.

The wiring diagram of Jumbo-Voltage Optimization Power Saver



FAQ

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.

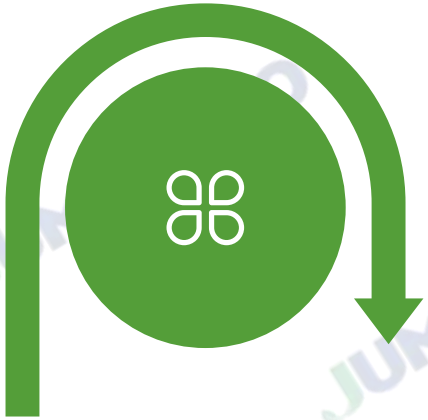
Q. How can I get some samples?

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, JumboEco-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 JumboEco Model .

Contact US



Personalized Consultation

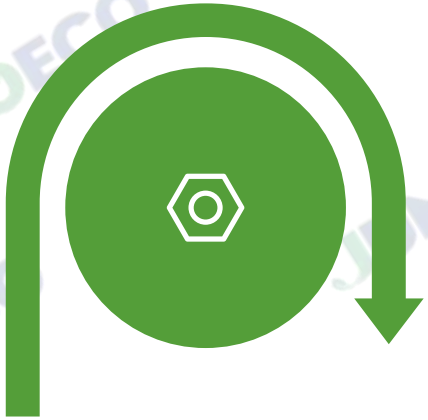
Ready to transform your energy system? Contact us for a personalized consultation. Our experts will guide you through the process and help you discover the benefits of JumboEco.

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 Model and start saving on your electricity bills while contributing to a greener planet.