

Taurus Power Supply — Customized Solutions, Reliable Performance



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Taurus 金兴®

POWER SUPPLY CATALOG



COMPANY PROFILE



Founded in 1998

400 employees

20,000 m² facility

annual output of
10 million units

Founded in 1998, Tauras is a professional manufacturer specializing in the research, development, and production of switching power supplies. Over the past 28 years, Tauras Intelligent has grown into a high-tech enterprise integrating R&D, manufacturing, sales, and service. Located in Zhongshan City, Guangdong Province, the company operates a 20,000 m² industrial park with more than 400 employees, including a technical R&D team of around 60 engineers, demonstrating strong technological and innovation capabilities. Tauras annual production and sales volume of switching power supplies reach nearly 10 million units, serving customers across China and in markets worldwide.

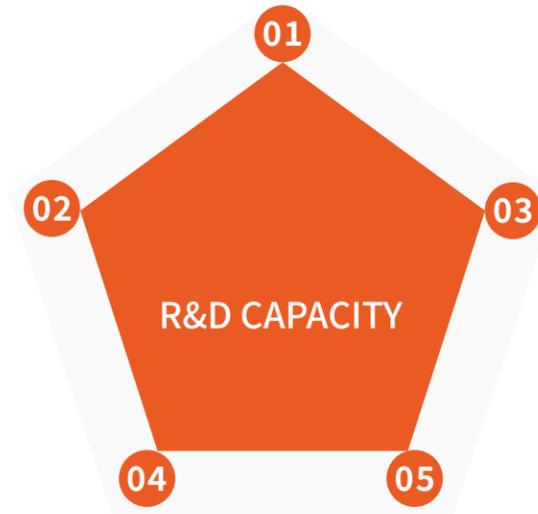
Certified with ISO 9001:2015 and ISO 14001:2015, Tauras products meet international standards such as CCC, CE, UL, FCC, TUV, SAA, RoHS, REACH, TISI, Carbon footprint, LCA certificate, and more.

In 2024, Tauras established a smart manufacturing base in Thailand, covering an area of 2,532 m² with an annual capacity of 1 million units. This milestone marks a significant step forward in the company's global production layout. The new facility is equipped with highly automated production lines and brings together top industry professionals, aiming to enhance production efficiency and product competitiveness while empowering Tauras globalization strategy with strong momentum.

THAILAND FACTORY IMAGES



R&D team with 60+ engineers

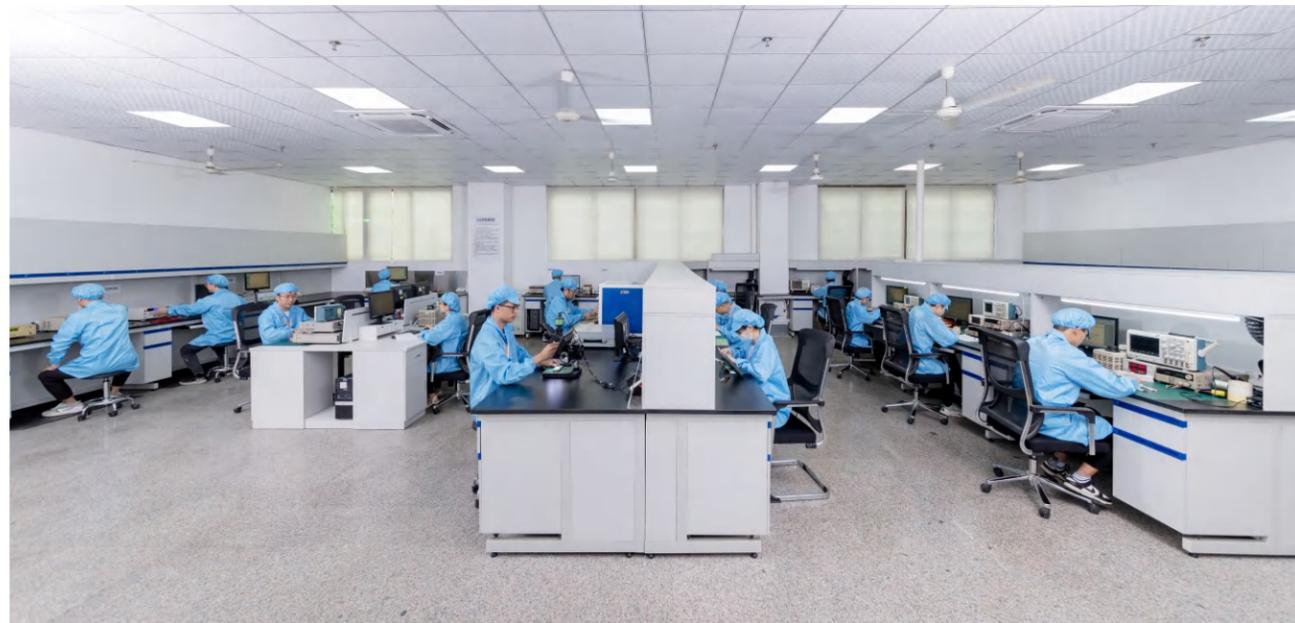


Project managers with 10+ years experience in power supply design

The company's laboratory was awarded as the Zhongshan Engineering Center

Consulting experts are employed as external R&D advisors

A collaborative laboratory was jointly established with South China University of Technology, opening a new chapter in industry-university-research cooperation



1 Asymmetrical Half-Bridge Circuit Architecture

High Efficiency Across Full Load Range

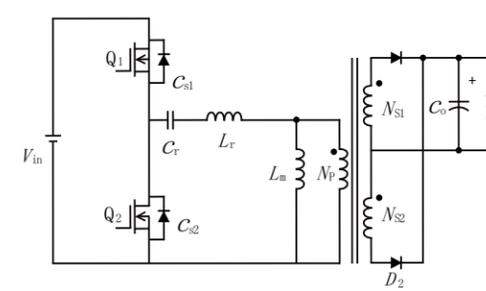
Maintains exceptionally high conversion efficiency under a wide range of operating conditions — from no load to full load — significantly reducing overall system energy consumption.

Outstanding No-Load Stability

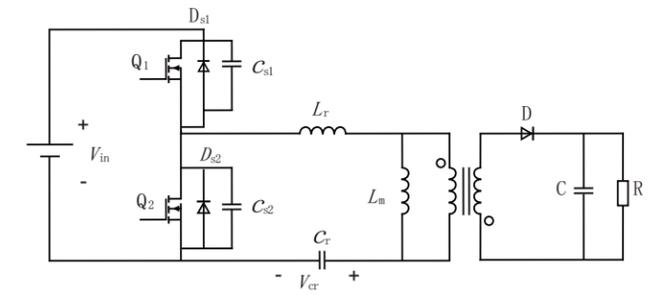
Operates stably even under no-load or ultra-light-load conditions, with no risk of oscillation or loss of control, and features ultra-low standby power consumption.

Inherent Reliability

Thanks to its unique operating principle, the resonant point remains unaffected by load or input voltage fluctuations, effectively eliminating resonance drift issues and greatly enhancing system reliability.



Conventional Design — Standard Half-Bridge Resonant Power Supply Circuit



Taurus Design — Asymmetrical Half-Bridge Power Supply Circuit

2 Advantages of Waterproof Potting Technology

Automated Potting Process

By introducing a fully automated dispensing system as the core process, Taurus achieves precise and efficient potting operations, completely eliminating human error and ensuring consistent encapsulation quality across all products.



Standardized Quality Control

A batch-based inspection system is implemented to verify the PU mixing ratio every shift. Through rigorous material validation at the source, Taurus ensures perfect polyurethane (PU) curing, achieving optimal electrical insulation and mechanical protection performance.



Dual-Stage Potting Process

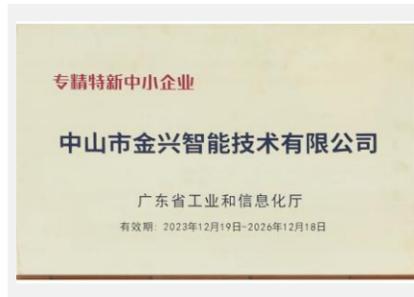
Taurus adopts an innovative “potting-vacuum-re-potting” procedure. This process effectively eliminates air bubbles and ensures deep PU penetration into micro-gaps, forming a dense and flawless encapsulation layer. As a result, the product's waterproof and moisture resistance levels are significantly enhanced — reaching up to IP68 protection.



CERTIFICATION



COMPANY CULTURE



Business Philosophy

Create value for customers, opportunities for employees, and benefits for partners, the company, and society.



Vision

Focus on the power supply industry, continuously delivering the most cost-effective solutions to customers.



Mission

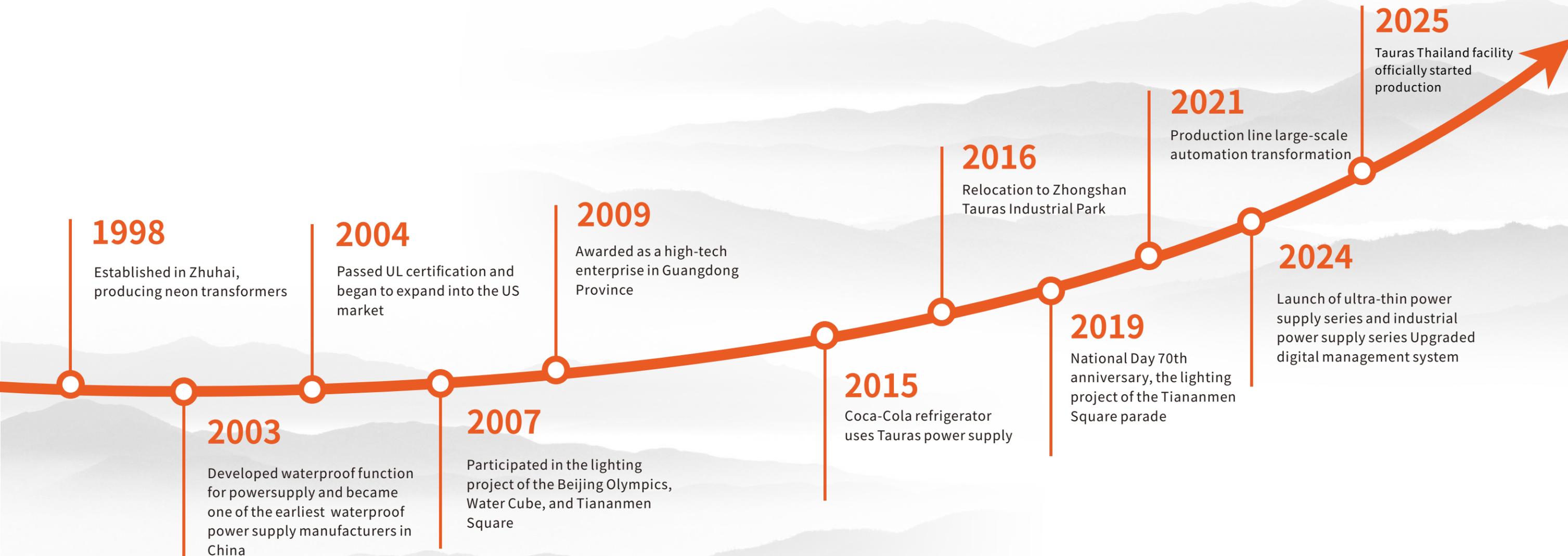
Enhance the quality of convenient and reliable power applications.



Values

Integrity, Steady Progress, Continuous Innovation, and Pursuit of Excellence.

COMPANY PROFILE



PRODUCT NAVIGATION



Indoor waterproof power supply

▪ VDC Plastic Case Series	P13
▪ VD Plastic Case Series	P15
▪ HVDC Plastic Case Series	P17
▪ VFS Plastic Case Series	P19

Indoor Ultra-thin power supply

Standard Model

▪ HVBC/HVBCK Series(US Standard Model)	P21
▪ HVAC/HVAS/HVASK Series(EU / CCC Certified Model)	P23

Ultra-thin Model

▪ HVAS/HVASK Series(EU / CCC Certified Model)	P25
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Integrated Model

▪ HVBCK Series(US Standard Model)	P27
▪ HVASK Series(EU / CCC Certified Model)	P29

Smart Model

▪ HVASW Series(Wireless Dimming & Color-Tuning Model)	P31
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Outdoor waterproof power supply

▪ VA Metal Case Series	P33
▪ VAS Metal Case Series	P35
▪ VF Metal Case Series	P37
▪ VFC Metal Case Series	P39
▪ VFX/VFCX/VFSX Metal Case dimmable Series	P41
▪ VFS Metal Case Series	P43
▪ VFSP Metal Case dimmable Series	P45

Industrial Power Supply

▪ SVDC/SVDS/SVEC Series	P47
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Module Power Supply

▪ MVFC Series	P49
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Portable Power Supply

▪ HVDC Series	P51
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Slim constant current power supply

▪ HJAS Series	P53
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FEATURES

VDC Series

- ▶ Constant Voltage;
- ▶ Wide Input Voltage: 100-240Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -20°C-+50°C;
- ▶ Typical efficiency up to 89.0%;
- ▶ IP67 Waterproof, suitable for wet or dusty environment;
- ▶ 2/3/5 years warranty time;
- ▶ EMC certificate.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
15W	VDC-12015A0283	83.5%	>0.5	100-240V	12V	1.25A	155.0*27.5*24.5	CE(LVD+EMC)+CB+ATEX+FCC
15W	VDC-24015A0283	83.5%	>0.5	100-240V	24V	0.63A	155.0*27.5*24.5	CE(LVD+EMC)+CB+FCC
20W	VDC-12020A0283	84.5%	>0.5	100-240V	12V	1.67A	155.0*27.5*24.5	CE(LVD+EMC)+CB+UL+Class2+FCC
20W	VDC-24020A0283	84.5%	>0.5	100-240V	24V	0.83A	155.0*27.5*24.5	CE(LVD+EMC)+CB+UL+Class2+FCC
30W	VDC-12030D0690	86.0%	>0.5	100-240V	12V	2.50A	136.5*41.0*25.5	CE(LVD+EMC)+CB+FCC
30W	VDC-24030A0690	86.0%	>0.5	100-240V	24V	1.25A	136.5*41.0*25.5	CE(LVD+EMC)+CB+FCC
40W	VDC-12040A0695	86.0%	>0.5	100-240V	12V	3.34A	147.0*43.0*26.0	CE(LVD+EMC)+CB+UL+Class2+FCC
40W	VDC-24040A0695	86.0%	>0.5	100-240V	24V	1.67A	147.0*43.0*26.0	CE(LVD+EMC)+CB+UL+Class2+FCC
60W	VDC-12060A0696	89.0%	>0.5	100-240V	12V	5.00A	164.5*43.0*34.0	CE(LVD+EMC)+CB+UL+Class2+FCC
60W	VDC-24060A0696	89.0%	>0.5	100-240V	24V	2.50A	164.5*43.0*34.0	CE(LVD+EMC)+CB+UL+Class2+FCC
100W	VDC-12100A0692	89.0%	>0.5	100-240V	12V	8.34A	192.0*52.0*37.0	CE(LVD+EMC)+CB+UL+FCC
96W	VDC-24100A0692	89.0%	>0.5	100-240V	24V	4.17A	192.0*52.0*37.0	CE(LVD+EMC)+CB+UL+Class2+FCC

PRODUCT CERTIFICATIONS





FEATURES

VD Series

- ▶ Constant Voltage;
- ▶ Wide Input Voltage: 100-240Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -20°C-+50°C;
- ▶ Typical efficiency up to 90.5%;
- ▶ IP67 Waterproof, suitable for wet or dusty environment;
- ▶ 2/3/5 years warranty time.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
12W	VD-12012A0250	82.5%	>0.5	100-240V	12V	1.00A	57.5*30.0*21.5	CE(LVD)+UL+Class 2+CB
12W	VD-24012A0250	82.5%	>0.5	100-240V	24V	0.50A	57.5*30.0*21.5	CE(LVD)+UL+Class 2+CB
15W	VD-12015A0281	83.5%	>0.5	100-240V	12V	1.25A	142.0*27.5*24.5	CE(LVD)+UL+Class 2+CB
15W	VD-24015A0281	84.5%	>0.5	100-240V	24V	0.63A	142.0*27.5*24.5	CE(LVD)+UL+Class 2+CB
20W	VD-12020A0281	85.0%	>0.5	100-240V	12V	1.67A	142.0*27.5*24.5	CE(LVD)+UL+Class 2+CB
20W	VD-24020A0281	85.0%	>0.5	100-240V	24V	0.83A	142.0*27.5*24.5	CE(LVD)+UL+Class 2+CB
30W	VD-12030A0690	86.5%	>0.5	100-240V	12V	2.50A	136.5*41.0*25.5	CE(LVD)+UL+Class 2+CB
30W	VD-24030A0690	88.5%	>0.5	100-240V	24V	1.25A	136.5*41.0*25.5	CE(LVD)+UL+Class 2+CB
40W	VD-12040A0695	86.5%	>0.5	100-240V	12V	3.34A	147.0*43.0*26.0	CE(LVD)+UL+Class 2+CB
40W	VD-24040A0695	88.5%	>0.5	100-240V	24V	1.67A	147.0*43.0*26.0	CE(LVD)+UL+Class 2+CB
60W	VD-12060A0696	86.5%	>0.5	100-240V	12V	5.00A	164.5*43.0*34.0	CE(LVD)+UL+Class 2
60W	VD-24060A0696	88.0%	>0.5	100-240V	24V	2.50A	164.5*43.0*34.0	CE(LVD)+UL+Class 2
100W	VD-12100A0692	90.0%	>0.5	100-240V	12V	8.34A	192.0*52.0*37.0	CE(LVD)+UL
96W	VD-24100A0692	90.5%	>0.5	100-240V	24V	4.17A	192.0*52.0*37.0	CE(LVD)+UL+Class 2

PRODUCT CERTIFICATIONS





FEATURES

HVDC Series

- ▶ Constant Voltage;
- ▶ Wide Input Voltage: 100-240Vac;
- ▶ Small size, High efficiency, High reliability and long life;
- ▶ IP42 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -20°C-+45°C;
- ▶ Protection: Over-load, Over-voltage, Short circuit;
- ▶ Typical efficiency up to 89.0%;
- ▶ 2/3/5 years warranty time.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
12W	HVDC-12012A0732	82.0%	>0.5	100-240V	12V	1.00A	73.0*35.0*23.5	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
12W	HVDC-24012A0732	82.0%	>0.5	100-240V	24V	0.50A	73.0*35.0*23.5	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
24W	HVDC-12024A0731	88.0%	>0.5	100-240V	12V	2.00A	91.0*43.0*29.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
24W	HVDC-24024A0731	88.0%	>0.5	100-240V	24V	1.00A	91.0*43.0*29.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
36W	HVDC-12036A0731	88.0%	>0.5	100-240V	12V	3.00A	91.0*43.0*29.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
36W	HVDC-24036A0731	88.0%	>0.5	100-240V	24V	1.50A	91.0*43.0*29.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
48W	HVDC-12048A0730	87.5%	>0.5	100-240V	12V	4.00A	98.6*61.0*30.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
48W	HVDC-24048A0730	87.5%	>0.5	100-240V	24V	2.00A	98.6*61.0*30.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
60W	HVDC-12060A0733	89.0%	>0.5	100-240V	12V	5.00A	130.0*55.0*30.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV
60W	HVDC-24060A0733	89.0%	>0.5	100-240V	24V	2.50A	130.0*55.0*30.0	CE(LVD+EMC)+CQC +CB+UL+Class2+TUV

PRODUCT CERTIFICATIONS





FEATURES

VFS Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ Active PFC function: High Power Factor, Low Total Harmonic Distortion;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ IP67 Waterproof, suitable for wet or dusty environment;
- ▶ Working temperature: -20°C-+50°C;
- ▶ Typical efficiency up to 89.5%;
- ▶ 2/3/5 years warranty time;
- ▶ EMC certificate.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
16W	VFS-12016A0690	84.0%	>0.9	100-277	12V	1.34A	136.5*41.0*25.5	CE+CB+UL
16W	VFS-24016A0690	86.0%	>0.9	100-277	24V	0.67A	136.5*41.0*25.5	CE+CB+UL
20W	VFS-12020A0690	84.0%	>0.9	100-277	12V	1.67A	136.5*41.0*25.5	CE+CB+UL
20W	VFS-24020A0690	86.0%	>0.9	100-277	24V	0.83A	136.5*41.0*25.5	CE+CB+UL
30W	VFS-12030A0695	85.0%	>0.9	100-277	12V	2.50A	147.0*43.0*26.0	CE+CB+UL
30W	VFS-24030A0695	86.0%	>0.9	100-277	24V	1.25A	147.0*43.0*26.0	CE+CB+UL
40W	VFS-12040A0695	87.0%	>0.9	100-277	12V	3.34A	147.0*43.0*26.0	CE+CB+UL
40W	VFS-24040A0695	88.0%	>0.9	100-277	24V	1.67A	147.0*43.0*26.0	CE+CB+UL
60W	VFS-12060A0696	89.0%	>0.9	100-277	12V	5.00A	164.5*43.0*34.0	CE+CB+UL
60W	VFS-24060A0696	89.0%	>0.9	100-277	24V	2.50A	164.5*43.0*34.0	CE+CB+UL
100W	VFS-12100A0692	89.5%	>0.9	100-277	12V	8.34A	192.0*52.0*37.0	CE+CB+UL
100W	VFS-24100A0692	89.5%	>0.9	100-277	24V	4.15A	192.0*52.0*37.0	CE+CB+UL

PRODUCT CERTIFICATIONS





FEATURES

HVBC/HVBCK Series (US Standard Model)

- ▶ Constant Voltage;
- ▶ low Input Voltage: 100-120Vac;
- ▶ Ultra thin design, High efficiency, High reliability and long life;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C-+40°C;
- ▶ Protection: Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 90.0%;
- ▶ 100% full load aging test;
- ▶ UL/Class 2/FCC, RoHS/REACH certificate;
- ▶ A more stable and reliable circuit scheme is adopted to make the output voltage stable and reliable.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Standard Model (HVBC Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
25W	HVBC-12025A0761	87.0%	>0.5	100-120V	12V	2.00A	129.5*55.0*17.0	UL+Class2+FCC
25W	HVBC-24025A0761	87.0%	>0.5	100-120V	24V	1.00A	129.5*55.0*17.0	UL+Class2+FCC
36W	HVBC-12036A0761	87.0%	>0.5	100-120V	12V	3.00A	129.5*55.0*17.0	UL+Class2+FCC
36W	HVBC-24036A0761	87.0%	>0.5	100-120V	24V	1.50A	129.5*55.0*17.0	UL+Class2+FCC
48W	HVBC-12048A0760	89.0%	>0.5	100-120V	12V	4.00A	194.5*55.0*17.0	UL+Class2+FCC
48W	HVBC-24048A0760	89.0%	>0.5	100-120V	24V	2.00A	194.5*55.0*17.0	UL+Class2+FCC
60W	HVBC-12060A0760	89.0%	>0.5	100-120V	12V	5.00A	194.5*55.0*17.0	UL+Class2+FCC
60W	HVBC-24060A0760	89.0%	>0.5	100-120V	24V	2.50A	194.5*55.0*17.0	UL+Class2+FCC
100W	HVBC-12100A0762	89.0%	>0.5	100-120V	12V	8.33A	210.0*55.0*18.0	UL
96W	HVBC-24100A0762	89.0%	>0.5	100-120V	24V	4.00A	210.0*55.0*18.0	UL+Class2+FCC
150W	HVBC-12150A0763	89.5%	>0.5	100-120V	12V	12.50A	248.0*58.0*24.0	UL+FCC
150W	HVBC-24150A0763	90.0%	>0.5	100-120V	24V	6.25A	248.0*58.0*24.0	UL+FCC

Standard Model with Defogging Film Switch (HVBCK Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
25W	HVBCK-12025A0761	87.0%	>0.5	100-120V	12V	2.00A	129.5*55.0*17.0	UL+Class 2+FCC
25W	HVBCK-24025A0761	87.0%	>0.5	100-120V	24V	1.00A	129.5*55.0*17.0	UL+Class 2+FCC
36W	HVBCK-12036A0761	87.0%	>0.5	100-120V	12V	3.00A	129.5*55.0*17.0	UL+Class 2+FCC
36W	HVBCK-24036A0761	87.0%	>0.5	100-120V	24V	1.50A	129.5*55.0*17.0	UL+Class 2+FCC
48W	HVBCK-12048A0760	89.0%	>0.5	100-120V	12V	4.00A	194.5*55.0*17.0	UL+Class 2+FCC
48W	HVBCK-24048A0760	89.0%	>0.5	100-120V	24V	2.00A	194.5*55.0*17.0	UL+Class 2+FCC
60W	HVBCK-12060A0760	89.0%	>0.5	100-120V	12V	5.00A	194.5*55.0*17.0	UL+Class 2+FCC
60W	HVBCK-24060A0760	89.0%	>0.5	100-120V	24V	2.50A	194.5*55.0*17.0	UL+Class 2+FCC
100W	HVBCK-12100A0762	88.5%	>0.5	100-120V	12V	8.34A	210.0*55.0*18.0	UL+FCC
96W	HVBCK-24100A0762	89.0%	>0.5	100-120V	24V	4.00A	210.0*55.0*18.0	UL+Class 2+FCC



FEATURES

HVAC/HVAS/HVASK Series(EU / CCC Certified Model)

- ▶ Constant Voltage;
- ▶ High voltage input: 200-240Vac;
- ▶ Ultra thin design, High efficiency, High reliability and long life;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C+40°C;
- ▶ Protection:Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 91.5%;
- ▶ 100% full load aging test;
- ▶ CE/CCC/UKCA, RoHS/REACH certificate;
- ▶ A more stable and reliable circuit scheme is adopted to make the output voltage stable and reliable.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Standard Model (HVAC/HVAS Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
25W	HVAC-12025A0761	85.5%	>0.5	200-240V	12V	2.08A	129.5*55.0*17.0	CE(LVD+EMC)
25W	HVAC-24025A0761	85.5%	>0.5	200-240V	24V	1.04A	129.5*55.0*17.0	CE(LVD+EMC)
25W	HVAS-12025A0761D	87.0%	>0.9	200-240V	12V	3.00A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
25W	HVAS-24025A0761D	87.0%	>0.9	200-240V	24V	1.50A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
36W	HVAS-12036A0761D	86.0%	>0.9	200-240V	12V	3.00A	129.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
36W	HVAS-24036A0761D	88.0%	>0.9	200-240V	24V	1.50A	129.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
48W	HVAS-12048A0760D	86.5%	>0.9	200-240V	12V	4.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
48W	HVAS-24048A0760D	86.5%	>0.9	200-240V	24V	2.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
60W	HVAS-12060A0760D	86.5%	>0.9	200-240V	12V	5.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
60W	HVAS-24060A0760D	86.5%	>0.9	200-240V	24V	2.50A	194.5*55.0*17.0	CE(LVD+EMC)+CCC+UKCA
100W	HVAS-12100A0762	88.5%	>0.9	200-240V	12V	8.34A	210.0*55.0*18.0	CE(LVD+EMC)+CCC
100W	HVAS-24100A0762	88.5%	>0.9	200-240V	24V	4.17A	210.0*55.0*18.0	CE(LVD+EMC)+CCC
150W	HVAS-12150A0763	91.0%	>0.9	200-240V	12V	12.5A	248.0*58.0*24.0	CE(LVD+EMC)+CCC
150W	HVAS-24150A0763	91.5%	>0.9	200-240V	24V	6.25A	248.0*58.0*24.0	CE(LVD+EMC)+CCC

Standard Model with Defogging Film Switch (HVASK Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
25W	HVASK-12025A0761D	87.0%	>0.9	200-240V	12V	3.00A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
25W	HVASK-24025A0761D	87.0%	>0.9	200-240V	24V	1.50A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
36W	HVASK-12036A0761D	86.0%	>0.9	200-240V	12V	3.00A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
36W	HVASK-24036A0761D	88.0%	>0.9	200-240V	24V	1.50A	129.5*55.0*17.0	CE(LVD+EMC)+CCC
48W	HVASK-12048A0760D	86.5%	>0.9	200-240V	12V	4.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
48W	HVASK-24048A0760D	86.5%	>0.9	200-240V	24V	2.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
60W	HVASK-12060A0760D	86.5%	>0.9	200-240V	12V	5.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
60W	HVASK-24060A0760D	86.5%	>0.9	200-240V	24V	2.50A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
100W	HVASK-12100A0762	88.5%	>0.9	200-240V	12V	8.34A	210.0*55.0*18.0	CE(LVD+EMC)+CCC
100W	HVASK-24100A0762	88.5%	>0.9	200-240V	24V	4.17A	210.0*55.0*18.0	CE(LVD+EMC)+CCC



FEATURES

HVAS/HVASK Series(EU / CCC Certified Model)

- ▶ Constant Voltage;
- ▶ High voltage input: 200-240Vac;
- ▶ Ultra thin 13mm, High efficiency, High reliability and long life;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C-+40°C;
- ▶ Protection:Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 88.5%;
- ▶ 100% full load aging test;
- ▶ CE/CCC, RoHS/REACH certificate;
- ▶ A more stable and reliable circuit scheme is adopted to make the output voltage stable and reliable.



PRODUCT PARAMETERS

Ultra thin Model (HVAC/HVAS Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
15W	HVAS-12015A0800	85.5%	>0.8	200-240V	12V	1.25A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
15W	HVAS-24015A0800	85.5%	>0.8	200-240V	24V	0.62A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
20W	HVAS-12020A0800	88.0%	>0.8	200-240V	12V	1.67A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
20W	HVAS-24020A0800	88.0%	>0.8	200-240V	24V	0.83A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
24W	HVAS-12024A0800	86.5%	>0.8	200-240V	12V	2.00A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
24W	HVAS-24024A0800	86.5%	>0.8	200-240V	24V	1.00A	125.0*42.0*13.0	CE(LVD+EMC)+CCC

Ultra thin Model with Defogging Film Switch (HVASK Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
15W	HVASK-12015A0800	85.5%	>0.8	200-240V	12V	1.25A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
15W	HVASK-24015A0800	85.5%	>0.8	200-240V	24V	0.62A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
20W	HVASK-12020A0800	88.0%	>0.8	200-240V	12V	1.67A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
20W	HVASK-24020A0800	88.0%	>0.8	200-240V	24V	0.83A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
24W	HVASK-12024A0800	86.5%	>0.8	200-240V	12V	2.00A	125.0*42.0*13.0	CE(LVD+EMC)+CCC
24W	HVASK-24024A0800	86.5%	>0.8	200-240V	24V	1.00A	125.0*42.0*13.0	CE(LVD+EMC)+CCC

PRODUCT CERTIFICATIONS





FEATURES

HVBCK Series(US Standard Model)

- ▶ Constant Voltage;
- ▶ low Input Voltage: 100-120Vac;
- ▶ High efficiency, High reliability and long life;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C-+40°C;
- ▶ Protection:Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 89.0%;
- ▶ 100% full load aging test;
- ▶ UL/Class 2/FCC, RoHS/REACH certificate;
- ▶ Single and double button switches are optional.



PRODUCT PARAMETERS

Integrated Model (HVBCK Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
24W	HVBCK-12025A0821	87.0%	>0.5	100-120V	12V	2.00A	132.0*102.0*13.5	UL+Class2+FCC
24W	HVBCK-24025A0821	87.0%	>0.5	100-120V	24V	1.00A	132.0*102.0*13.5	UL+Class2+FCC
36W	HVBCK-12036A0822	89.0%	>0.5	100-120V	12V	3.00A	134.0*137.0*17.5	UL+Class2+FCC
36W	HVBCK-24036A0822	89.0%	>0.5	100-120V	24V	1.50A	134.0*137.0*17.5	UL+Class2+FCC
48W	HVBCK-12048A0822	89.0%	>0.5	100-120V	12V	4.00A	134.0*137.0*17.5	UL+Class2+FCC
48W	HVBCK-24048A0822	89.0%	>0.5	100-120V	24V	2.00A	134.0*137.0*17.5	UL+Class2+FCC
60W	HVBCK-12060A0822	89.0%	>0.5	100-120V	12V	5.00A	134.0*137.0*17.5	UL+Class2+FCC
60W	HVBCK-24060A0822	89.0%	>0.5	100-120V	24V	2.50A	134.0*137.0*17.5	UL+Class2+FCC

PRODUCT CERTIFICATIONS





FEATURES

HVASK Series(EU / CCC Certified Model)

- ▶ Constant Voltage;
- ▶ High voltage input: 200-240Vac;
- ▶ High efficiency, High reliability and long life;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C-+40°C;
- ▶ Protection:Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 88.5%;
- ▶ 100% full load aging test;
- ▶ CE/CCC, RoHS/REACH certificate;
- ▶ Single and double button switches are optional.



PRODUCT PARAMETERS

Integrated Model with Defogging Film Switch (HVASK Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
15W	HVASK-12015A0821	84.0%	>0.8	200-240V	12V	1.25A	132.0*102.0*13.5	CE(LVD+EMC)+CCC
15W	HVASK-24015A0821	84.0%	>0.8	200-240V	24V	0.62A	132.0*102.0*13.5	CE(LVD+EMC)+CCC
22W	HVASK-12022A0821	85.0%	>0.8	200-240V	12V	1.67A	132.0*102.0*13.5	CE(LVD+EMC)+CCC
22W	HVASK-24022A0821	85.0%	>0.8	200-240V	24V	0.83A	132.0*102.0*13.5	CE(LVD+EMC)+CCC
36W	HVASK-12036A0822	86.5%	>0.9	200-240V	12V	3.00A	134.0*137.0*17.5	CE(LVD+EMC)+CCC
36W	HVASK-24036A0822	86.5%	>0.9	200-240V	24V	1.50A	134.0*137.0*17.5	CE(LVD+EMC)+CCC
48W	HVASK-12048A0822	88.5%	>0.9	200-240V	12V	4.00A	134.0*137.0*17.5	CE(LVD+EMC)+CCC
48W	HVASK-24048A0822	88.5%	>0.9	200-240V	24V	2.00A	134.0*137.0*17.5	CE(LVD+EMC)+CCC
60W	HVASK-12060A0822	88.5%	>0.9	200-240V	12V	5.00A	134.0*137.0*17.5	CE(LVD+EMC)+CCC
60W	HVASK-24060A0822	88.5%	>0.9	200-240V	24V	2.50A	134.0*137.0*17.5	CE(LVD+EMC)+CCC

PRODUCT CERTIFICATIONS





PRODUCT PARAMETERS

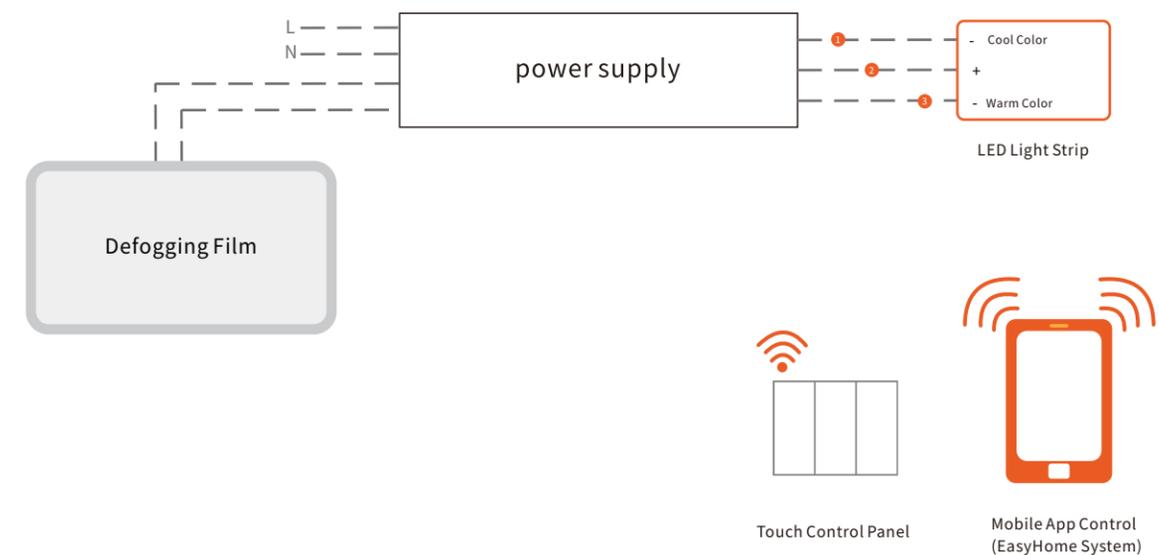
Smart Model (HVASR Series)

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
48W	HVASW-12048A0760	87.5%	>0.9	200-240V	12V	4.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
48W	HVASW-24048A0760	87.5%	>0.9	200-240V	24V	2.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
60W	HVASW-12060A0760	88.5%	>0.9	200-240V	12V	5.00A	194.5*55.0*17.0	CE(LVD+EMC)+CCC
60W	HVASW-24060A0760	88.5%	>0.9	200-240V	24V	2.50A	194.5*55.0*17.0	CE(LVD+EMC)+CCC

FEATURES

HVASW Series

- ▶ Wireless control LED switch, electrodeless dimming color;
- ▶ Constant Voltage;
- ▶ High voltage input: 200-240Vac;
- ▶ IP44 protection, suitable for indoor wet or dusty environment;
- ▶ Working temperature: -10°C-+40°C;
- ▶ Protection: Over-load, Over-voltage, Short circuit, ect;
- ▶ Typical efficiency up to 89.0%;
- ▶ CE/CCC, RoHS/REACH certificate;
- ▶ 100% full load aging test;
- ▶ Built-in defogging membrane switch.



PRODUCT CERTIFICATIONS





FEATURES

VA Series

- ▶ Constant Voltage;
- ▶ High Input Voltage: 200-240Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -25°C-+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 90.0%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
30W	VA-12030D0952	86.0%	>0.5	200-240V	12V	2.50A	183.0*29.0*20.5	CE(LVD)
30W	VA-24030D0952	86.0%	>0.5	200-240V	24V	1.25A	183.0*29.0*20.5	CE(LVD)
45W	VA-12045D0920	86.5%	>0.5	200-240V	12V	3.75A	148.0*40.4*22.8	CE(LVD)
45W	VA-24045D0920	86.5%	>0.5	200-240V	24V	1.88A	148.0*40.4*22.8	CE(LVD)
60W	VA-12060D091	89.0%	>0.5	200-240V	12V	5.00A	179.0*41.0*31.0	CE(LVD)
60W	VA-24060D091	89.0%	>0.5	200-240V	24V	2.50A	179.0*41.0*31.0	CE(LVD)
80W	VA-12080D0891	87.5%	>0.5	200-240V	12V	6.67A	179.0*41.0*31.0	CE(LVD)
80W	VA-24080D0891	87.5%	>0.5	200-240V	24V	3.34A	179.0*41.0*31.0	CE(LVD)
100W	VA-12100D1680	89.5%	>0.5	200-240V	12V	8.34A	202.0*56.0*30.0	CE(LVD)+CB
100W	VA-24100D1680	89.5%	>0.5	200-240V	24V	4.17A	202.0*56.0*30.0	CE(LVD)+CB
150W	VA-12150D1691	90.0%	>0.5	200-240V	12V	12.5A	202.0*67.2*34.0	CE(LVD)+CB
150W	VA-24150D1691	90.0%	>0.5	200-240V	24V	6.25A	202.0*67.2*34.0	CE(LVD)+CB
200W	VA-12200D1690	90.0%	>0.5	200-240V	12V	16.7A	235.0*67.2*34.0	CE(LVD)+CB
200W	VA-24200D1690	90.0%	>0.5	200-240V	24V	8.34A	235.0*67.2*34.0	CE(LVD)+CB
250W	VA-12250D1630	90.0%	>0.5	200-240V	12V	20.8A	280.0*78.0*36.4	CE(LVD)
250W	VA-24250D1630	90.0%	>0.5	200-240V	24V	10.4A	280.0*78.0*36.4	CE(LVD)
275W	VA-12275D1630	90.0%	>0.5	200-240V	12V	22.9A	280.0*78.0*36.4	CE(LVD)+CB
300W	VA-24300D1630	90.0%	>0.5	200-240V	24V	12.5A	280.0*78.0*36.4	CE(LVD)+CB
250W	VA-12250U0081	90.0%	>0.5	200-240V	12V	20.8A	269.0*80.0*43.0	CE(LVD)+CB
250W	VA-24250U0081	90.0%	>0.5	200-240V	24V	10.4A	269.0*80.0*43.0	CE(LVD)+CB
275W	VA-12275U0081	90.0%	>0.5	200-240V	12V	22.9A	269.0*80.0*43.0	CE(LVD)+CB
300W	VA-24300U0081	90.0%	>0.5	200-240V	24V	12.5A	269.0*80.0*43.0	CE(LVD)+CB



FEATURES

VAS Series

- ▶ Constant Voltage;
- ▶ High Input Voltage: 200-240Vac;
- ▶ Active PFC function: High Power Factor, Low Total Harmonic Distortion;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -25°C-+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 90.0%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
30W	VAS-12030D1762	87.5%	>0.9	200-240V	12V	2.50A	115.0*64.0*32.0	CE(LVD+EMC)+SAA
30W	VAS-24030D1762	87.5%	>0.9	200-240V	24V	2.50A	115.0*64.0*32.0	CE(LVD+EMC)+SAA
40W	VAS-12040D1762	87.5%	>0.9	200-240V	12V	3.33A	115.0*64.0*32.0	CE(LVD+EMC)+SAA
40W	VAS-24040D1762	87.5%	>0.9	200-240V	24V	1.67A	115.0*64.0*32.0	CE(LVD+EMC)+SAA
60W	VAS-12060D1694	87.5%	>0.9	200-240V	12V	5.00A	131.0*67.2*34.0	CE(LVD+EMC)
60W	VAS-24060D1694	87.5%	>0.9	200-240V	24V	2.50A	131.0*67.2*34.0	CE(LVD+EMC)
100W	VAS-12100D1693	88.5%	>0.9	200-240V	12V	8.34A	162.0*67.2*34.0	CE(LVD+EMC)+SAA+CCC
100W	VAS-24100D1693	88.5%	>0.9	200-240V	24V	4.17A	162.0*67.2*34.0	CE(LVD+EMC)+SAA+CCC
150W	VAS-12150D1691	89.0%	>0.9	200-240V	12V	12.5A	202.0*67.2*34.0	CE(LVD+EMC)+SAA
150W	VAS-24150D1691	89.0%	>0.9	200-240V	24V	6.25A	202.0*67.2*34.0	CE(LVD+EMC)+SAA
200W	VAS-12200D1692	89.5%	>0.9	200-240V	12V	16.7A	222.0*67.2*34.0	CE(LVD+EMC)+SAA
200W	VAS-24200D1692	89.5%	>0.9	200-240V	24V	8.34A	222.0*67.2*34.0	CE(LVD+EMC)+SAA
275W	VAS-12275D1453	90.0%	>0.9	200-240V	12V	22.9A	260.0*95.0*43.0	CE(LVD+EMC)+SAA
300W	VAS-24300D1453	90.0%	>0.9	200-240V	24V	12.5A	260.0*95.0*43.0	CE(LVD+EMC)+SAA
150W	VAS-12150U0063	89.0%	>0.9	200-240V	12V	12.5A	194.0*67.0*35.0	CE(LVD+EMC)+SAA
150W	VAS-24150U0063	89.0%	>0.9	200-240V	24V	6.25A	194.0*67.0*35.0	CE(LVD+EMC)+SAA
30W	VAS-12030U0021	85.0%	>0.9	200-240V	12V	2.5A	195.0*35.0*24.0	CE(LVD+EMC)
30W	VAS-24030U0021	86.0%	>0.9	200-240V	24V	1.25A	195.0*35.0*24.0	CE(LVD+EMC)
40W	VAS-12040U0021	84.5%	>0.9	200-240V	12V	3.34A	195.0*35.0*24.0	CE(LVD+EMC)
40W	VAS-24040U0021	85.5%	>0.9	200-240V	24V	1.67A	195.0*35.0*24.0	CE(LVD+EMC)
60W	VAS-24060U0041	88.5%	>0.9	200-240V	24V	2.50A	189.0*42.0*32.0	CE(LVD+EMC)
300W	VAS-24300U0081	90.0%	>0.9	200-240V	24V	12.5A	269.0*80.0*43.0	CE(LVD+EMC)



FEATURES

VF Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -25°C+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 89.5%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
10W	VF-12010D0963	83.5%	>0.5	100-277V	12V	0.83A	118.0*25.5*26.5	CE(LVD)+UL+Class2
10W	VF-24010D0963	83.5%	>0.5	100-277V	24V	0.42A	118.0*25.5*26.5	CE(LVD)+UL+Class2
15W	VF-12015D0961	85.0%	>0.5	100-277V	12V	1.25A	148.0*25.5*26.5	CE(LVD)+UL+Class2 +ATEX
15W	VF-24015D0961	85.0%	>0.5	100-277V	24V	0.63A	148.0*25.5*26.5	CE(LVD)+UL+Class2
20W	VF-12020D0960	85.5%	>0.5	100-277V	12V	1.67A	162.0*25.5*26.5	CE(LVD)+UL+Class2
20W	VF-24020D0960	85.5%	>0.5	100-277V	24V	0.83A	162.0*25.5*26.5	CE(LVD)+UL+Class2 +CB
30W	VF-12030D1300	85.5%	>0.5	100-277V	12V	2.50A	135.7*45.0*26.9	CE(LVD)+UL+Class2 +ATEX
30W	VF-24030D1300	85.5%	>0.5	100-277V	24V	1.25A	135.7*45.0*26.9	CE(LVD)+UL+Class2
40W	VF-12040D1310	88.0%	>0.5	100-277V	12V	3.34A	143.7*47.0*33.8	CE(LVD)+UL+Class2 +ATEX
40W	VF-24040D1310	88.0%	>0.5	100-277V	24V	1.67A	143.7*47.0*33.8	CE(LVD)+UL+Class2
60W	VF-12060D1310	88.0%	>0.5	100-277V	12V	5.00A	143.7*47.0*33.8	CE(LVD)+UL+Class2 +ATEX+CB
60W	VF-24060D1310	88.0%	>0.5	100-277V	24V	2.50A	143.7*47.0*33.8	CE(LVD)+UL+Class2
100W	VF-12100D0242	88.0%	>0.5	100-277V	12V	8.34A	206.0*67.5*43.0	CE(LVD)+UL
100W	VF-24100D0242	88.0%	>0.5	100-277V	24V	4.17A	206.0*67.5*43.0	CE(LVD)+UL+Class2
150W	VF-12150D0877	89.0%	>0.5	100-277V	12V	12.5A	226.0*67.5*43.0	CE(LVD)+UL
150W	VF-24150D0877	89.0%	>0.5	100-277V	24V	6.25A	226.0*67.5*43.0	CE(LVD)+UL
200W	VF-12200D1451	89.5%	>0.5	100-277V	12V	16.7A	245.0*95.0*43.0	CE(LVD)+UL
200W	VF-24200D1451	89.5%	>0.5	100-277V	24V	8.34A	245.0*95.0*43.0	CE(LVD)+UL



FEATURES

VFC Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -25°C-+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 90.0%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
10W	VFC-12010D0963	82.0%	>0.5	100-277V	12V	0.83A	118.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC Class A
10W	VFC-24010D0963	83.0%	>0.5	100-277V	24V	0.42A	118.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC Class A
15W	VFC-12015D0961	85.0%	>0.5	100-277V	12V	1.25A	148.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC+ATEX
15W	VFC-24015D0961	85.0%	>0.5	100-277V	24V	0.63A	148.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC
20W	VFC-12020D0960	85.5%	>0.5	100-277V	12V	1.67A	162.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC
20W	VFC-24020D0960	85.5%	>0.5	100-277V	24V	0.83A	162.0*25.5*26.5	CE(LVD)+UL+Class 2 +FCC+CB
30W	VFC-12030U0022	87.5%	>0.5	100-277V	12V	2.50A	147.0*35.0*24.0	CE(LVD)+UL+Class 2 +FCC Class A
30W	VFC-24030U0022	88.0%	>0.5	100-277V	24V	1.25A	147.0*35.0*24.0	CE(LVD)+UL+Class 2 +FCC Class A
40W	VFC-12040U0022	88.0%	>0.5	100-277V	12V	3.34A	147.0*35.0*24.0	CE(LVD)+UL+Class 2 +FCC Class A
40W	VFC-24040U0022	88.0%	>0.5	100-277V	24V	1.67A	147.0*35.0*24.0	CE(LVD)+UL+Class 2 +FCC Class A
60W	VFC-12060U0044	90.0%	>0.5	100-277V	12V	5.00A	137.0*42.0*32.0	CE(LVD)+UL+Class 2 +FCC Class A
60W	VFC-24060U0044	90.0%	>0.5	100-277V	24V	2.50A	137.0*42.0*32.0	CE(LVD)+UL+Class 2 +FCC Class A
100W	VFC-12100U0061	88.0%	>0.5	100-277V	12V	8.34A	174.0*67.0*35.0	CE(LVD)+UL+FCC
96W	VFC-24100U0061	90.0%	>0.5	100-277V	24V	4.00A	174.0*67.0*35.0	CE(LVD)+UL+Class 2 +FCC Class A
150W	VFC-12150U0062	89.0%	>0.5	100-277V	12V	12.50A	214.0*67.0*35.0	CE(LVD)+UL+FCC
150W	VFC-24150U0062	89.0%	>0.5	100-277V	24V	6.25A	214.0*67.0*35.0	CE(LVD)+UL+FCC
200W	VFC-12200U0064	89.5%	>0.5	100-277V	12V	16.70A	269.0*67.0*35.0	CE(LVD)+UL+FCC
200W	VFC-24200U0064	89.5%	>0.5	100-277V	24V	8.34A	269.0*67.0*35.0	CE(LVD)+UL+FCC



FEATURES

VFX/VFCX/VFSX Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Working temperature: -25°C+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 93.0%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time;
- ▶ Class 2 power unit.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
120W	VFX-12120D1440	88.0%	>0.5	100-277V	12V	5.00A*2	247.0*69.5*40.8	CE(LVD)+UL+Class 2
200W	VFX-24200D0878	88.0%	>0.5	100-277V	24V	4.00A*2	275.0*67.5*43.0	CE(LVD)+UL+Class 2
120W	VFCX-12120U0063	88.0%	>0.5	100-277V	12V	5.00A*2	194.0*67.0*35.0	CE(LVD)+UL+Class 2 +FCC
192W	VFCX-24200U0064	88.0%	>0.5	100-277V	24V	4.00A*2	269.0*67.0*35.0	CE(LVD)+UL+Class 2
120W	VFSX-12120U0063	89.5%	>0.9	100-277V	12V	5.00A*2	194.0*67.0*35.0	CE(LVD+EMC)+FCC +UL+Class 2
180W	VFSX-12180U0064	90.0%	>0.9	100-277V	12V	5.00A*3	269.0*67.0*35.0	CE(LVD+EMC)+FCC +UL+Class 2
200W	VFSX-24200U0064	91.0%	>0.9	100-277V	24V	4.00A*2	269.0*67.0*35.0	CE(LVD+EMC)+FCC +UL+Class 2
240W	VFSX-12240U0065	90.5%	>0.9	100-277V	12V	5.00A*4	309.0*67.0*35.0	CE(LVD+EMC)+FCC +UL+Class 2
288W	VFSX-24288U0065	93.0%	>0.9	100-277V	24V	4.00A*3	309.0*67.0*35.0	CE(LVD+EMC)+FCC +UL+Class 2

PRODUCT CERTIFICATIONS





FEATURES

VFS Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Lightning protection;
- ▶ Working temperature: -25°C-+60°C, must be derating use when 60°C;
- ▶ Typical efficiency up to 90.0%;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Aviation class Metal Case;
- ▶ 2/3/5 years warranty time.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
60W	VFS-12060U0041	89.5%	>0.9	100-277V	12V	5.00A	189.0*42.0*32.0	CE(LVD+EMC)+FCC+UL+Class2
60W	VFS-24060U0041	88.5%	>0.9	100-277V	24V	2.50A	189.0*42.0*32.0	CE(LVD+EMC)+FCC+UL+Class2
100W	VFS-12100U0061	89.5%	>0.9	100-277V	12V	8.34A	174.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
96W	VFS-24100U0061	89.5%	>0.9	100-277V	24V	4.00A	174.0*67.0*35.0	CE(LVD+EMC)+FCC+UL+Class2
150W	VFS-12150U0062	90.0%	>0.9	100-277V	12V	12.50A	214.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
150W	VFS-24150U0062	90.0%	>0.9	100-277V	24V	6.25A	214.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
200W	VFS-12200U0064	90.5%	>0.9	100-277V	12V	16.70A	269.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
200W	VFS-24200U0064	91.0%	>0.9	100-277V	24V	8.34A	269.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
275W	VFS-12275U0065	91.0%	>0.9	100-277V	12V	23.00A	309.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
300W	VFS-24300U0065	92.5%	>0.9	100-277V	24V	12.50A	309.0*67.0*35.0	CE(LVD+EMC)+FCC+UL

PRODUCT CERTIFICATIONS





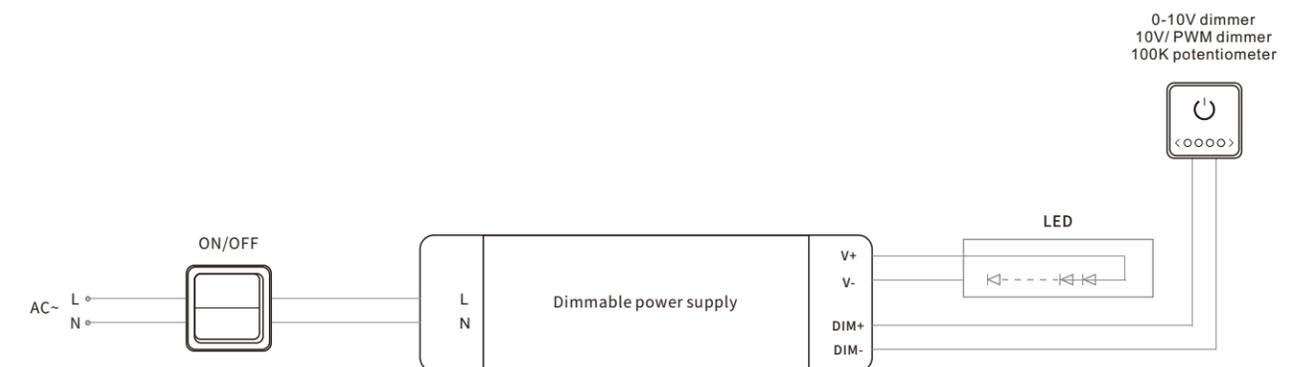
PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
60W	VFSP-12060U0042	89.0%	>0.9	100-277V	12V	5.00A	222.0*42.0*32.0	CE(LVD+EMC)+FCC+UL+Class 2
60W	VFSP-24060U0042	87.0%	>0.9	100-277V	24V	2.50A	222.0*42.0*32.0	CE(LVD+EMC)+FCC+UL+Class 2
100W	VFSP-12100U0063	88.5%	>0.9	100-277V	12V	8.34A	194.0*67.0*35.0	CE(LVD+EMC)+FCC+UL
100W	VFSP-24100U0063	89.0%	>0.9	100-277V	24V	4.00A	194.0*67.0*35.0	CE(LVD+EMC)+FCC+UL

FEATURES

VFSP Series

- ▶ Constant Voltage;
- ▶ Full Voltage Input:100-277Vac;
- ▶ IP67 Waterproof, suitable for Dry, Wet, Rain environment;
- ▶ Working temperature: -25°C-+60°C, must be derating use when 60°C;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ Typical efficiency up to 89.0%;
- ▶ Available for varieties isolated dimming control(0-10V/1-10V/ PWM/Potentiometer);
- ▶ Lightning protection;
- ▶ 100% full load aging test;
- ▶ 2/3/5 years warranty time.



PRODUCT CERTIFICATIONS





FEATURES

SVDC/SVDS/SVEC Series

- ▶ 35W-150W: 85-305Vac;200W-300W:90~ 132VAC / 180 ~ 264VAC by switch;
- ▶ Withstand 300VAC surge input for 5 seconds;
- ▶ Protection: short circuit,over load, over voltage,over temperature;
- ▶ 35W-200W: air cooling, fanless.350W: built-in cooling fan;
- ▶ 1U slim profile;
- ▶ Withstand 5G vibration test;
- ▶ LED indicator for power on;
- ▶ Low no load power consumption. 35W-150W<0.5W;200W-350W<0.75W;
- ▶ 100% full load burn-in test;
- ▶ Working temperature up to 70°C;
- ▶ High efficiency, long lifetime and high reliability;
- ▶ 3 years warranty.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
35W	SVDC-12035D1770	87.0%	>0.5	90-264	12V	2.92A	99.0*82.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
35W	SVDC-24035D1770	89.5%	>0.5	90-264	24V	1.46A	99.0*82.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
50W	SVDC-12050D1770	88.5%	>0.5	90-264	12V	4.17A	99.0*82.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
50W	SVDC-24050D1770	90.0%	>0.5	90-264	24V	2.08A	99.0*82.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
75W	SVDC-12075D1771	89.0%	>0.5	90-264	12V	6.25A	99.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
75W	SVDC-24075D1771	90.0%	>0.5	90-264	24V	3.12A	99.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
100W	SVDC-12100D1772	89.5%	>0.5	90-264	12V	8.34A	129.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
100W	SVDC-24100D1772	91.0%	>0.5	90-264	24V	4.17A	129.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
150W	SVDC-12150D1773	88.0%	>0.5	90-264	12V	12.5A	159.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
150W	SVDC-24150D1773	89.5%	>0.5	90-264	24V	6.25A	159.0*97.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
200W	SVDS-12200D1774	88.5%	>0.9	90-264	12V	16.70A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
200W	SVDS-24200D1774	91.0%	>0.9	90-264	24V	8.34A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
200W	SVEC-12200D1774	88.5%	>0.5	90-132/180-264 (通过开关选择)	12V	16.70A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC
200W	SVEC-24200D1774	91.0%	>0.5	90-132/180-264 (通过开关选择)	24V	8.34A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC
350W	SVDS-12350D1776	87.0%	>0.9	90-264	12V	29.20A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
350W	SVDS-24350D1776	90.0%	>0.9	90-264	24V	14.60A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC+CCC
350W	SVEC-12350D1775	87.0%	>0.5	90-132/180-264 (通过开关选择)	12V	29.20A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC
350W	SVEC-24350D1775	90.0%	>0.5	90-132/180-264 (通过开关选择)	24V	14.60A	215.0*115.0*30.0	CE(LVD+EMC) +CB+CQC



FEATURES

MVFC Series

- ▶ Universal AC voltage 90-305Vac;
- ▶ Working temperature: -30°C~+70°C;
- ▶ No load power consumption <0.1W;
- ▶ EMI performance meet standard BS EN/EN55032 CLASS B;
- ▶ Protection: short circuit, over load, over voltage;
- ▶ Air cooling;
- ▶ Class II isolation;
- ▶ LPS passed;
- ▶ 3 years warranty.



PRODUCT CERTIFICATIONS



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
3W	MVFC-12003A0780	78.0%	>0.5	100-277V	12V	0.25A	32.3*27.3*21.8	CE+CB+CQC+CCC
5W	MVFC-12005A0781	80.5%	>0.5	100-277V	12V	0.41A	45.7*25.4*21.5	CE+CB+CQC+UL+CCC
5W	MVFC-24005A0781	80.5%	>0.5	100-277V	24V	0.21A	45.7*25.4*21.5	CE+CB+CQC+UL+CCC
10W	MVFC-12010A0781	85.5%	>0.5	100-277V	12V	0.67A	45.7*25.4*21.5	CE+CB+CQC+UL+CCC
10W	MVFC-24010A0781	85.5%	>0.5	100-277V	24V	0.34A	45.7*25.4*21.5	CE+CB+CQC+UL+CCC
15W	MVFC-12015A0782	86.5%	>0.5	100-277V	12V	1.25A	52.4*27.2*24.0	CE+CB+CQC+UL+CCC
15W	MVFC-24015A0782	86.5%	>0.5	100-277V	24V	0.62A	52.4*27.2*24.0	CE+CB+CQC+UL+CCC
20W	MVFC-12020A0782	87.5%	>0.5	100-277V	12V	1.67A	52.4*27.2*24.0	CE+CB+CQC+UL+CCC
20W	MVFC-24020A0782	87.0%	>0.5	100-277V	24V	0.83A	52.4*27.2*24.0	CE+CB+CQC+UL+CCC
30W	MVFC-12030A0783	90.0%	>0.5	100-277V	12V	2.50A	69.5*39.0*24.0	CE+CB+CQC+UL+CCC
30W	MVFC-24030A0783	89.0%	>0.5	100-277V	24V	1.25A	69.5*39.0*24.0	CE+CB+CQC+UL+CCC
45W	MVFC-12045A0784	91.5%	>0.5	100-277V	12V	3.75A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC
45W	MVFC-24045A0784	89.5%	>0.5	100-277V	24V	1.87A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC
60W	MVFC-12060A0784	90.5%	>0.5	100-277V	12V	5.00A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC
60W	MVFC-24060A0784	90.0%	>0.5	100-277V	24V	2.50A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC
80W	MVFC-12080A0784	92.0%	>0.5	100-277V	12V	6.67A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC
90W	MVFC-24090A0784	93.0%	>0.5	100-277V	24V	3.75A	87.0*52.0*29.5	CE+CB+CQC+UL+CCC



FEATURES

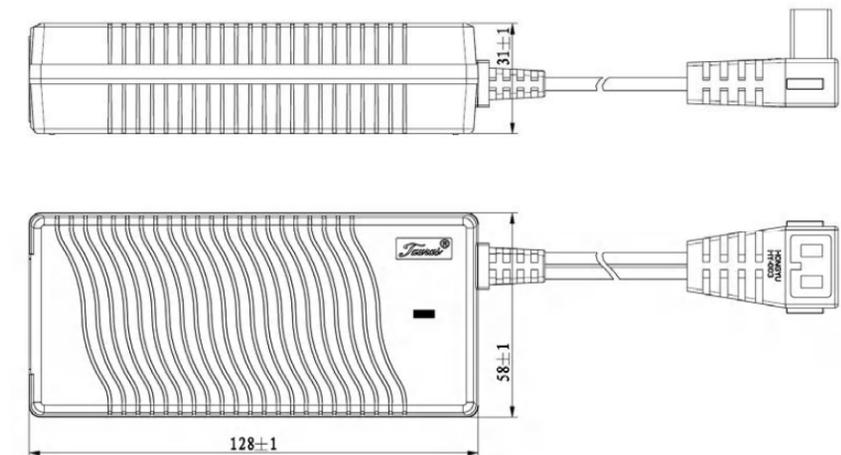
HVDC Series

- ▶ Constant Voltage;
- ▶ Wide Input Voltage: 100-240Vac;
- ▶ Small size, High efficiency, High reliability and long life;
- ▶ IP40 Waterproof;
- ▶ Working temperature: 0°C-+40°C;
- ▶ Typical efficiency up to 90.0%;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ 100% full load aging test.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
60W	HVDC-24060A0810	90.0%	>0.5	100-240V	24V	2.50A	128.0*58.0*31.0	CE+CB+CQC
60W	HVDC-14060A0810	89.5%	>0.5	100-240V	14.5V	4.00A	128.0*58.0*31.0	CE+CB+CQC+UL
87W	HVDC-14087A0810	89.5%	>0.5	100-240V	14.5V	6.00A	128.0*58.0*31.0	CE+CB+CQC+UL
100W	HVDC-24100A0810	90.0%	>0.5	100-240V	24V	4.17A	128.0*58.0*31.0	CE+CB+CQC+UL



PRODUCT CERTIFICATIONS





FEATURES

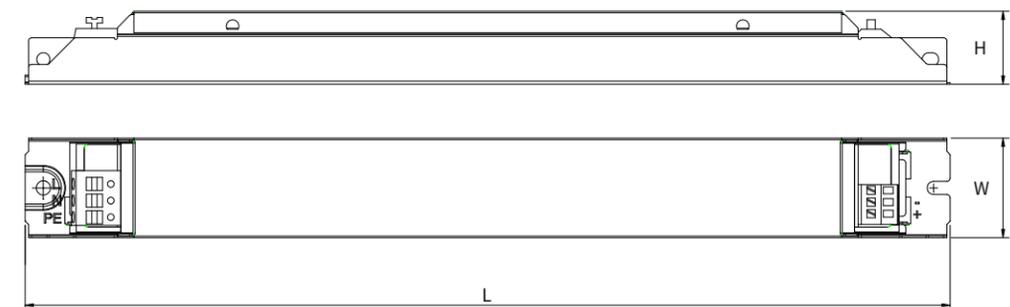
HVDC Series

- ▶ Constant Current;
- ▶ High Input Voltage: 200-240Vac;
- ▶ Small size, High efficiency, High reliability and long life;
- ▶ IP20 Waterproof;
- ▶ Working temperature:-25°C-+50°C;
- ▶ Typical efficiency up to 89.5%;
- ▶ Protections: Over-voltage, Over-Current, Over-temperature, Short-circuit, ect;
- ▶ 100% full load aging test.



PRODUCT PARAMETERS

Power	Item NO.	Efficiency	PFC	Input Voltage	Output Voltage	Output Current	Dimension LxWxH(mm)	Certificate
34W	HJAS-42800D1643	87.5%	>0.9	200-240V	9-42V	800mA	185.0*30.0*22.5	CE(LVD+EMC)+CCC
50W	HJAS-421250D1642	89.0%	>0.9	200-240V	30-42V	1250mA	280.0*30.0*22.0	CE(LVD+EMC)+CCC
60W	HJAS-401500D1642	89.0%	>0.9	200-240V	30-40V	1500mA	280.0*30.0*22.0	CE(LVD+EMC)+CCC
60W	HJAS-421700D1642	89.0%	>0.9	200-240V	30-42V	1500mA	280.0*30.0*22.0	CE(LVD+EMC)+CCC
80W	HJAS-421900D1642	89.0%	>0.9	200-240V	30-42V	1900mA	280.0*30.0*22.0	CE(LVD+EMC)+CCC



PRODUCT CERTIFICATIONS



A Indoor IP20 & Rainproof IP34 LED power suppl

Installation location for Indoor & Rainproof LED power supply

- 1.The plastic case Power Supply is best to be used indoor. Avoid installing close to low-lying water environment.
- 2.If using outdoor, please protect the Power Supply from direct sunlight and rain. The Power Supply should never be installed underground.
- 3.No matter if in an indoor or outdoor environment, the location must allow for proper heat dissipation.

B Plastic case/Plastic side cover IP67 LED power supply

Installation location request for plastic case / plastic side cover IP67 LED power supply

- 1.These kinds of LED Power Supplies best to be used in indoor. Avoid installing close to low-lying water environment.
- 2.If using outdoor, please protect the Power Supply from direct sunlight and rain. The Power Supply should never be installed underground.
- 3.No matter indoor or outdoor environment, the location must allow for proper heat dissipation.
- 4.Installation direction. Horizontal and vertical installation are both ok, only make sure the label is on up side.

C Metal case IP67 LED power supply

Installation location request for metal case IP66 LED power supply list

- 1.The product must be installed in an environment with proper heat dissipation.
- 2.Installation direction: Horizontal and vertical installation are both ok, only make sure the label is on up side.
- 3.The LED Power Supply should not be installed where is close to low-lying water or long term under water use. Necessary measures need to be taken to prevent the low-lying water.

CONDITIONS OF USE

1. Operating environment and storage conditions:

- ① If using outdoor, the appropriate temperature should be of -25°C~+50°C;with the relative humidity not more than 98%.
- ② If using indoor, the maximum appropriate temperature should be +50°C;with the relative humidity not more than 80%.
- ③ If storing the product, the appropriate temperature should be of -25°C~+75°C;with the relative humidity not more than 80%.

2. Three principles for installation:

- ① The voltage of the electric grid in use must be ensured to be within the operating $\pm 10\%$ voltage scope specified by the power source;
for instance: if the nominal input voltage is 200V-240V, it is required to connect the power source with the electric grid with the voltage not less than 180V or higher than 264V.
- ② Never use under an unexpected load, for instance overload or extreme underload or etc.
- ③ Install the product in an environment and a way that facilitates good heat dissipation:
 - A. Never install the power source in a hot environment;
 - B. Ensure the power source is allowed to radiate heat in three ways for proper heat transfer :
 - a. Expose to moving air;
 - b. Allow a large space for heat dissipation;
 - c. Install in a metal plate in a large area and contact well to radiate heat through the metal plate;

3. Please operate strictly according to the Product Operating Instructions. Do not directly use the products in harsh environments (such as: high PH areas or in water).

The products parameter shown in the catalogue is for reference only. If there is inconsistency between catalogue and actual product, the actual product shall govern. We Zhongshan Tauras Technologies Co.,Ltd. reserve the final explanation rights to this catalogue.