



元册科技股份有限公司

YUAN DEAN SCIENTIFIC CO., LTD.

From a reliable power conversion
and RJ45 with magnetics manufacturer

YourDesignSolutions



- Railway/industrial DC-DC converters
- Industrial AC-DC power supplies
- Medical/healthcare applications
- General/high-isolation applications
- Automation/robotics applications
- Network applications
- PoE components and injector modules
- LED lighting applications
- Power banks and energy storage applications



REACH



▶ DC-DC Converter:

Features:

Compact Size, High Density, High Efficiency & Low Profile
 Wide Input Range: 2:1/4:1 Input Range Designed
 Universal Pin Configuration Remote On/Off & Voltage Output Trim Available
 10D series / 11D series / 12D series / 13D series / 13DS1 series
 17D series / 19D series / 22D series / 24D series / 26D series
 30D series / 40D series / 41D series / 42D series / 43D series
 60D series / 61D series / 61DW series / 66D series / 67D series
 87D series / 87DS series / 95D series / 95DW series / 96D series
 96DW series / E1Z5R5/1 series were recognized by UL 60950-1 Certification.
 130-DS1-05D05N series / 130-DS1-05D12N series were recognized
 by UL 60950-1 Certification.

Product range:

DC/DC Models From 0.25 Watts to 100 Watts
 1Watt Small Size Regulated Single Output
 Non-Isolated & High Efficiency Single Output
 SIP/DIP/SMD type available
 Single/Dual/Triple/Quad various output voltages are available
 Isolated voltage 500Vdc/1500Vdc/3000Vdc/3750Vdc
 & 6KVdc are available
 Welcome ODM/OEM Order!



▶ LAN Filter and RJ45 Magnetics and SFP Cages:

Features:

10 / 10/100 / 10/100/1000 Base-T RJ45 Jack With Magnetic, 10Giga Base-T Magnetics
 Modules, SFP/SFP+ Cages and Connectors,
 10/100 Base-T RJ45 Single USB Jack With Magnetic, 10/100/1000 Base-TX RJ45 Dual
 USB Combo Jack With Magnetic, Gigabit RJ45 Jack With Magnetic, 10/100 Base-T
 Surface Mount RJ45 Jack With Magnetic, 180° 10/100 Base-T RJ45 Jack With Magnetic,
 10/100 Base-T Power Over Ethernet (PoE), VoIP Magnetics Modules
 10 / 10/100 / 100/1000 Base-T Through/Surface Mount Filter Modules
 10/100 / 1000 Base-T PC Card Lan Magnetics Modules
 10/100 Base-TX Transformer Modules For Auto MDI/MDIX 1000 Base-T
 Magnetic Module Home Phone Networking
 Band Pass Filter Modules
 11F series / 13F series / 81F series were recognized by UL 1950
 13F-3X series / 13F-6X series / 15F series / 30F series / 45F series / 46F series
 47F series / 48F series / 49F series / 51F series / 53F series / 56F series
 6XF series / 7XF series / 82F series were recognized by UL 60950-1

Product range:

SIP/DIP/SMD type available
 RJ45-JACK: 1x1 / 1x2 / 1x4 / 1x5 / 2x1 / 4IN1 Port Package PCMCIA Package



▶ Pulse Transformer:

Features:

DIP type, SMD type, Molding type, Through Hole type, Self-Leaded type, Bottom Potting,
 Open Frame type, EF Core type, EP Core type, EI Core type, PQ Core type, RM Core
 type, ETD Core type, EPC Core type, ER Core type, EE Core type, customer designed
 available.

40T series / 43T series / 41T series / 50T series / 51T series
 53T series / 54T series / 55T series / 57T series / 58T series
 59T series / 59T1 series / 57T-1521G series
 13SEP-2035D series were recognized by UL 1950
 10T series / 15T series / 25T series / 30T series / 47T series
 48T series / 1XT series / 4XTS series / 7XT series / 8XT series
 9XT series were recognized by UL 60950-1

Product range:

General Purpose, High Frequency, RF, T3/DS3/E3/STS-1 Interfaces, Ethernet,
 Digital Audio Data, ISDN S0 Interface, T1 Carrier Interface, T1/CEPT/ISDN-PRI,
 T1/E1/ISDN-PRI, Common Mode Choke, FDDI Over Twisted Pair Dual Transformer,
 Self-Leaded SMT Common Mode Choke, Standard Low Power, High and Low Current
 Coupled, Current Sense Transformer/Inductor, Self-Leaded Surface Mount,
 Toroidal Inductor, Ferrite core inductor



▶ AC-DC Converter:

Features:

High Density , High Efficiency
Universal Input: 90~264Vac or Customer Designed
Meet FCC Limited Requirement
Protection: Short Circuit /Overload/Over voltage
GA003 Series /GA005 Series /GA007 Series /GB040&GB060 Series
/LGA100 Series /GA010 Series /GDD5 Series /GA015 Series /GB015 Series
/GA5A Series /GA025 Series /GA030 Series were recognized by CE Certification

Product range:

AC/DC Power Models From 1.5Watts to 200Watts
Module , Open Frame , Water Proof , Wall mount Adaptor type available
Power supply ,LED Driver ,Car ,Telecommunication equipment application
Single/Dual/Triple/Quad various output voltages are available
Isolated voltage 2500Vac/3000Vac are available ODM/OEM available



▶ LED Driver:

Features:

1. AC/DC LED Driver:

High Efficiency , High Stability Current Output to the LED Chips.
Universal Input: 90~264Vac or Customer Designed
High PF Value , Over 0.9
Protection: Short Circuit /Overload/Over voltage
3KVac Isolated Voltage in Isolated Models

2. DC/DC LED Driver:

High Efficiency Up to 98%
Non-Isolated Output Power
High Stability Constant Current Output to the LED Chips.
Short Circuit and Overtemp. Protected
Free air Convection Cooling
MTBF Value: 2000000 Hours

AC/DC LED Driver has achieved CE (EN55015 and EN61547) certified lighting-related, design
also can meet UL8750, EN61347 requirements;
AC/DC and DC/DC LED Driver are all suitable for indoor and outdoor
LED lighting related applications.

Product range:

AC/DC LED Driver Power From 3Watts to 96Watts
DC/DC LED Driver Power From 10Watts to 49Watts
IP64 or IP67 Waterproof AC/DC Models are available
AC/DC Open Frame Architecture are available
AC/DC LED Driver With PFC or Non-PFC Models are available
AC/DC LED Driver With Dimmable or Non-Dimmable Output Current
Models can be selected by customers
AC/DC LED Driver With Isolated or Non-Isolated Models are available
DC/DC DIL Potting Package is available
ODM/OEM available



▶ LED Lighting Products:

Features:

Waterproof / anti-splash design.
Better heat dissipation.
Heat sink and light shell integrated design.
High-power LED lights reduce drag and weight.
No adverse glare, No start delay, No flash.
Long life of 50,000 hours or more.
Green environmental protection.
90~264Vac /90~305Vac Universal input voltage.
No pollution on the electricity grid.

Product range:

T8 LED tube , LED Bulbs , LED Tunnel Light , LED Street Light , LED Downlight ,
LED Flood Light , LED Lighting Engine , LED Indoor Light , LED High Bay Light .
LED Ceiling Light , LED Candle Light , LED PAR Light , LED Spot Light .



▶ Company Profile:

YUAN DEAN SCIENTIFIC CO., LTD. (YDS) was established in 1990 at Tainan, Taiwan.

YDS specializes in manufacturing various kinds of Pulse transformers, RJ 45 Jack with magnetic, AC/DC Converters, DC/DC Converters, 10/100/1000 base-T Lan filter, delay lines as well as Led lighting series products and Led Drivers etc. We have more than 25 years experience and for our products are widely used for computer equipment, communications equipment, industrial control equipment, network, monitoring equipment, safety equipment, automobile parts as well as medical equipment applications. Our manufacture centers are both located at Taiwan and China, with flexible lead-time & efficient delivery. Besides YDS' standard items, we also offer OEM/ODM service for well-known enterprises around the world.

元冊科技股份有限公司於1990年在台灣台南市創立。

元冊專精製造於各種的脈衝變壓器、RJ45網路變壓器模組、交流對直流電壓轉換器、直流對直流電壓轉換器、10/100/1000 base-T 乙太網路濾波器、延遲線圈 以及LED照明系列產品和LED驅動電源等。

元冊具有25年以上的設計製造經驗,且所製造出來的產品已廣泛運用於電腦設備、通訊設備、工業控制、網路、監控設備、安全設備、汽車零組件,以及醫療設備的運用。

元冊在台灣及大陸皆設有製造中心,可便利地就近交貨。

元冊除了標準的產品型號外亦提供OEM/ODM服務給全世界的企業客戶。



▶ Company Information:

Tainan HQ:

Area: 11000 m²

Numbers: 80 employees

Xiamen Plant (Ho Mao):

Area: 7200 m²

Numbers: 600 employees

▶ Corporate History:

- 1990 Yuan Dean Scientific CO., Ltd. was established in Tainan city, Taiwan.
At early time, YDS primarily produce Pulse Transformer and Delay Line.
- 1994 DC/DC Converters and Filters were introduced to YDS' production.
- 1995 Ho Mao Electronics (Xiamen) Co., Ltd. was established in China.
- 1998 YDS awarded ISO 9002 quality management.
- 2001 RJ45 series was introduced to YDS' production.
- 2001 Aug., Ho Mao (Xiamen) awarded ISO 9001:2000 quality management.
- 2005 Oct., Ho Mao awarded ISO 14001:2004 environmental management.
- 2008 Oct., Ho Mao awarded IECQ 080000 Hazardous Substance Process Management.
- 2009 Nov., ISO 9001:2000 Certification Upgraded to ISO 9001:2008 Certification.
- 2010 and 2011, YDS products were CE Certificated of the AC-DC power suppliers.
- 2011 Design and manufacture LED lamps and LED driver to YDS' product lines.
- 2016 New factory under construction in Tainan Technology-based Industrial Park



總公司

Company Address In Taiwan:

70955 臺南市安南區科技三路61號

No.61, Keji 3rd Rd., Annan Dist.,
Tainan City, 70955, Taiwan

TEL: +886-6-3842-899 ; FAX: +886-6-3843-288

<http://www.yds.com.tw>

Email: ydsweb@yds.com.tw

廈門工廠

Factory Address In Xiamen:

361026 廈門市海滄區翁角路285號1棟3樓

3F, Building NO.1, NO.285 Weng Jiao Road.,
Hai Cang District, Xiamen City, 361026, China

TEL: +86-592-565-1950 ; FAX: +86-592-565-1951

<http://www.yds.com.tw>

Email: ydsweb@yds.com.tw