

About YDS - Company Profile

元册科技 股份有限公司

YUAN DEAN SCIENTIFIC CO.,LTD.



We are the leading electronic manufacturer with
ISO 9001, ISO 14001 and IATF16949 certified.

www.yuandean.com



Indian Register Quality System



ABOUT YDS

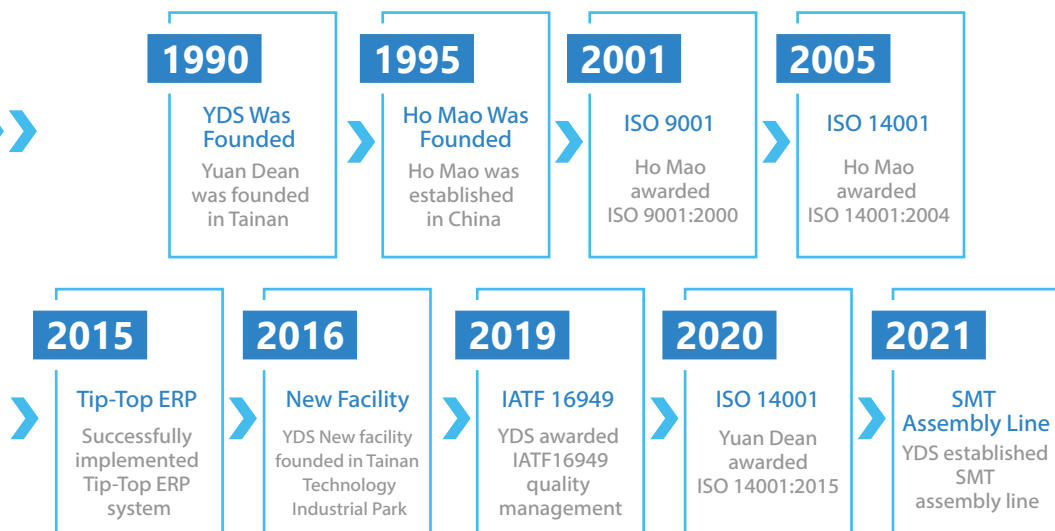


In 1990, YDS was founded in Tainan, Taiwan.

Five years later, our factory Ho Mao electronics was established in Xiamen, China. We are the leading manufacturer with ISO 9001/ ISO 14001/ IATF 16949 certification. We specialize in various products, such as DC/DC converters, AC/DC converters, RJ45 with magnetics, 10/100/1G/2.5G/5G/10G Base-T lan filters, all kinds of transformers, and inductors.

In 2015, we officially implemented the ERP system to achieve better integration of our overall performance. To fulfill the increasing demands from our worldwide customers, we relocated to Tainan Technology Industrial Park in 2016. Our factory in Xiamen also moved to a new site at the same time. As always, YDS endeavors to offer our clients with high quality products. To make our products more reliable, we introduced new facilities to enhance our capability, such as EMC lab, reliability test lab and thermal shock testing chamber in a row. As our business grows, we still focus on improving our quality and showing our concerns to the whole environment. We were certified by IATF 16949 in 2019 and awarded ISO 14001 in 2020. To further expand our production capability, we established SMT assembly line in 2021. With over thirty years' experience, YDS will be your best partner for sure.

Growth Notes >>





Sales Distribution





Organization


Tainan HQ	Xiamen
Yuan Dean	Ho Mao
11000 m ² area 70 employees	7200 m ² area 230 employees
Sales R&D Warehouse QC/QA/QE Production Accounting	Engineering R&D Warehouse QC/QA/QE Production Accounting




 Instruments


 Medical Equipment



 Railway


 Aviation

DC-DC Converters

0.25W~150W DC-DC Converter
 SIP/DIP/SMD package available
 Isolated Voltage from 500Vdc~6KVdc
 Single/Dual/Triple/Quad output are available
 Wide input voltage Designed

Yuan Dean is one of the most experienced manufacturers of DC-DC converters in Taiwan. We offer different converters for clients to apply in different areas, such as industrial automation, railway transportation and medical electronics. To keep up with the market, we develop a series of compact size DC-DC converters with efficiencies exceeding 90%. Besides, we have independent R&D team. With their creative design ability, we can always supply economical solutions tailored by your requirements within a short time.




 Industrial Equipment


 Sensing Equipment



 Video Camera



 Internet Equipment


AC-DC Converters


0.5W~300W AC-DC Converter
 SIP/DIP package available
 Single/Dual/Triple/Quad output are available


We develop our AC-DC converters in a power range from 0.5W to 300W with various package options. Our AC-DC converters are well-known for their high efficiency, low power consumption and outstanding performance. Our design refers to the standard of Energy Star \ EMC \ IEC/EN/UL62368 and 60950. They can be applied to various applications from different industries, such as instrumentation, telecommunication, industrial control system and medical equipment.




 Musical Instruments


 Router



 Hub



 Wireless router station


LAN Filter & RJ45 Magnetics


1 x 1, 1 x 2, 1 x N, 2 x 1, 2 x N port available
 10/100/1G/2.5G/5G/10G Base T with PoE/PoE+ are available
 SIP/DIP/SMD package available


YDS has manufactured RJ45 connectors and Lan filters for over 30 years. Our strength lies in our excellent design abilities and great quality controls. We supply high quality products to a broad international customer base. The RJ45 connectors can be integrated with transformers into ethernet connector modules. We can customize the products for you with various sizes and transport speed.




 Lighting Device


 Consumer Electronics


 Electricity


 Telecom equipment

Various Transformers

Industrial electronics Transformers
 Digital networking Transformers
 Current sense/inverter Transformers
 High frequency power Transformers
 Telecom Transformers

We are the leading electronic components suppliers to OEMs, contract manufacturers and CEMs. We produce many kinds of transformers, such as high frequency telecom transformers, PoE transformers. With the right balance skills of R&D team, we can design your own components to fit in your device.

DC-DC CONVERTER

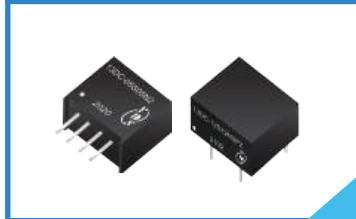
- ◆ Low Ripple & Noise
- ◆ Meet RoHS, CE, UL Certification
- ◆ Constant Short-Circuit Protection
- ◆ Meet Railway & Medical Certification



DC-DC Converters, Ultra Compact Size, 10~15W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
YTB10	10W	9-36,18-75	5,12,15,24,±12,±15	24.30*14.30*9.80	1.6KV	DIP16
YTB15	15W	9-36,18-75	5,12,15,24,±12,±15	24.30*14.30*9.80	1.6KV	DIP16

Ultra Compact Size



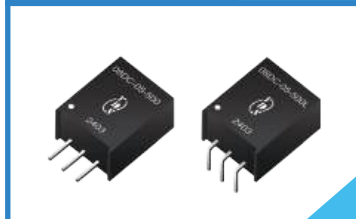
SIP4 / DIL8 Package



SMD Package



6.4KVDC Isolation



Non-isolated



Open Frame

DC-DC Converters, High Efficient, 0.25~3W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
12DC	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5-6KV	SIP7
12D1C	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*9.80*12.50	6.4KV	SIP7
13DC	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	11.50*6.00*7.50 11.50*6.00*10.00 12.70*10.16*6.80	1.5 / 3KV	SIP4 DIL8
13DSC	0.25W/0.5W 0.75W/1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24	12.70*7.60*6.25 12.80*10.80*6.90	1.5 / 3KV	SMD
13DS1C	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	15.24*8.00*7.30	1.5 / 3KV	SMD
14DC	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5 / 3KV	SIP7
12DC-2W	2W	5,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5-6KV	SIP7
12D1C-2W	2W	5,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*9.80*12.50	6.4KV	SIP7
13DC-2W	2W	5,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	11.50*6.00*10.00 12.70*10.16*6.80	1.5 / 3KV	SIP4 DIL8
13DSC-2W	2W	5,12,15,24	3,3,5,9,12,15,24	12.70*7.60*6.25 12.80*10.80*6.90	1.5 / 3KV	SMD
13DS1C-2W	2W	5,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	15.24*8.00*7.30	1.5 / 3KV	SMD
14DC-2W	2W	5,12,15,24	3,3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5 / 3KV	SIP7
12DC-3W	3W	12,15,24	5,12,15,24,±5,±12,±15,±24	19.50*7.10*10.00	1.5-6KV	SIP7
13DC-3W	3W	12,15,24	5,12,15,24,±5,±12,±15,±24	11.50*7.50*10.00 12.70*10.16*7.50	1.5 / 3KV	SIP4 DIL8
14DC-3W	3W	12,15,24	5,12,15,24,±5,±12,±15,±24	19.50*7.10*10.00	1.5 / 3KV	SIP7
NEW 17DC	1W	3,3,5,9,12,15,24	0303 : 0305 : 0309 : 0312 : 0315 : 0324 : 0503 : 0505 : 0509 0512 : 0515 : 0524 : 0903 : 0905 : 0909 : 0912 : 0915 : 0924 1203 : 1205 : 1209 : 1212 : 1215 : 1224 : 1503 : 1505 : 1509 1512 : 1515 : 1524 : 2403 : 2405 : 2409 : 2412 : 2415 : 2424	19.50*6.00*10.00	1.5-3KV	SIP7
NEW 17DC-2W	2W	3,3,5,9,12,15,24	0303 : 0305 : 0309 : 0312 : 0315 : 0324 : 0503 : 0505 : 0509 0512 : 0515 : 0524 : 0903 : 0905 : 0909 : 0912 : 0915 : 0924 1203 : 1205 : 1209 : 1212 : 1215 : 1224 : 1503 : 1505 : 1509 1512 : 1515 : 1524 : 2403 : 2405 : 2409 : 2412 : 2415 : 2424	19.50*6.00*10.00	1.5-3KV	SIP7

DC-DC Converters, Non-isolated, 0.5~10A, Regulated

P/N (Series)	Input Voltage(Vdc)	Output Voltage(Vdc)	Output Current	Size(mm)	Package
01DC-500	4.75-36	±1.2,±1.5,±1.8,±2.5,±3.3, ±5.0,±6.5,±9.0,±12,±15	500mA	11.60*7.60*10.40	SIP3
01DC-1A	4.75-36	1.2,1.5,1.8,2.5,3.3, ±5.0,±6.5,±9.0,±12,±15	1000mA	11.60*7.60*10.40	SIP3
01DC2-1A	4.75-36	3.3,±5.0,6.5,9.0,±12,±15	1000mA	17.50*11.50*8.50	SIP3
01D-2A	4.75-36	1.8,2.5,3.3,5.0,9.0,12,15	2000mA	11.50*8.50*17.50	SIP3
01D-3A	4.5-14,10-30	0.59-6.0,3.0-6.0,5.0-15	3000mA	15.50*9.40*6.00 16.50*10.40*6.00	SIP5
08DC-500	9-90	3,3,5,0,6,5,9,0,12,15,24	500mA	11.50*8.50*17.50 11.50*8.50*19.00	SIP3
02D-6A	2.4-5.5 Vo(Set)<3.63V ; Vin=8.3-14Vdc Vo(Set)>3.63V ; Vin=8.3-13.2Vdc	0.75-3.3Vdc 0.75-5.0Vdc	0A-6A	23.00*10.20*4.90 23.00*10.20*7.00	SIP
03D-10A	Vo(Set)≤3.63V Vin=8.3-14Vdc	0.75-5.0Vdc	0A-10A	33.00*13.50*7.70	SMD
NEW 30DN-3A	8-36, 10-36, 13-36, 16-36, 19-36	3,3,5,6,5,9,12,15	3000mA	32.15*9.05*14.85	SIP12

DC-DC Converters, SMD Package, 1~3W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
28D-1W	1W	4.5-9,9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	24.10*14.35*10.25	1.5KV	SMD
28D	2W	4.5-9,9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	24.10*14.35*10.25	1.5KV	SMD
28D-3W	3W	4.5-9,9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	24.10*14.35*10.25	1.5KV	SMD



SMD Package

DC-DC Converters, SIP Package, 1~9W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
10D	1W	3.3,5,9,12,15,24,48	3.3,5,9,12,15,24	19.50*6.00*10.00 19.50*7.10*10.00	1KV	SIP6
12/14DC-R	1W	5,12,15,24	3.3,5,9,12	19.50*6.00*10.00	1.5KV / 3KV	SIP7
12DZ	1W	4.5-9,9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
14DZ	1W	4.5-9,9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
12DZ-2W	2W	4.5-9,9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
14DZ-2W	2W	4.5-9,9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
27D	2W	4.5-9,9-18,18-36,36-72	5,9,12,15,24,±5,±9,±12,±15,±24	21.80*9.20*11.10	1KV / 3KV	SIP8
27DW	2W	9-36,18-75	5,9,12,15,24,±5,±9,±12,±15,±24	21.80*9.20*11.10	1KV / 3KV	SIP8
27D-3W	3W	9-18,18-36,36-72	3.3,5,9,12,15,±5,±9,±12,±15	21.80*9.20*11.10	1.5KV / 3KV	SIP8
27DW-3W	3W	9-36,18-75	3.3,5,9,12,15,±5,±9,±12,±15	21.80*9.20*11.10	1.5KV / 3KV	SIP8
27DC-6W	4W/5W/6W	9-36,18-75	3.3,5,9,12,15,24,±5,±9,±12,±15,±24	21.80*9.20*11.10	1.6KV	SIP8
27DX-6W	6W	6-60	3.3,5,9,12,15,24	21.80*9.20*11.10	1.5KV	SIP8
27DW-9W	9W	9-36,18-75	3.3,5,12,15,24,±5,±12,±15	21.80*9.20*11.10	1.6KV	SIP8



SIP7 Package



SIP8 Package



DC-DC Converters, 1.25" x 0.8" Package, 3~25W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
68D	3W	4.5-9,9-18,18-36,36-72	5,12,15,±5,±12,±15	31.60*20.10*11.00	1.5KV	DIL24
68DC	3-6W	4.5-9,9-36,18-75	3.3,5,9,12,15,24,±5,±12,±15,±24	31.60*20.10*11.00 31.80*20.30*10.20	1.5KV / 3KV	DIL24
69D	3W	9-36,18-72	5,12,15,±5,±12,±15	31.60*20.10*11.00	1.5KV	DIL24
68D8	8W	4.5-9,9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
68DW8	8W	9-36,18-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
68D10	10W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.5KV	DIL24
68DW10	10W	9-36,18-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.5KV	DIL24
68D12	12W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.5KV	DIL24
68DW12	12W	9-36,18-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	1.5KV	DIL24
YKA15	15W	9-18,18-36,36-75	3.3,5,1,12,15,24,±5,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
YKB15	15W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
YKB20	20W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
YKB25	25W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24

10:1 Wide Input



9 Watt SIP8



25 Watt DIL24

DC-DC CONVERTER



HOT 96DW-R6

1" x 1" Size, 30 Watt



NEW YNC40

2" x 1", 40W, 8:1 Wide Input



Half Brick Size, 75 Watt



NEW 12D1C-NM

Medical 1-2W



+ 68DW10-M

Medical Solution



🚂 98DW20-R3

Railway Solution

DC-DC Converters, 1" x 1" Package, 3~30W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
76DC-6W	3W/4W/5W/6W	9-36,18-75	3.3,5,9,12,15,24,±5,±12,±15,±24	25.40*25.40*10.60	1.5KV / 3KV	DIL5
76DW-6W	6W	40-160	3.3,5,12,15,24,±5,±12,±15	25.40*25.40*10.60	2.5KV	DIL6
68DW10-R6	10W	9-36,18-75	3.3,5,12,15,±12,±15	25.40*25.40*10.60	1.5KV	DIL6
YLB10	10W	4.5-18	5,12,15,24	25.40*25.40*10.60	1.6KV	DIL6
68D15	15W	9-18,18-36,36-75	3.3,5,12,15,±12,±15	25.40*25.40*10.60	1.5KV	DIL6
68DW15	15W	9-36,18-75	3.3,5,12,15,±12,±15	25.40*25.40*10.60	1.5KV	DIL6
YLB15-H	15W	9-36, 18-75	5,12,15,24, ±12, ±15	25.40*25.40*10.60	3KV	DIL6
68D20	20W	9-18,18-36,36-75	3.3,5,12,15,±12,±15	25.40*25.40*10.60	1.5KV	DIL6
68DW20	20W	9-36,18-75	3.3,5,12,15,±12,±15	25.40*25.40*10.60	1.5KV	DIL6
96DW-R6	30W	9-36,18-75	3.3,5,12,15,24	25.40*25.40*10.60	1.5KV	DIL6

DC-DC Converters, 2" x 1" Package, 10~60W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
61D-BNL	10W	9-18,18-36,36-72	3.3,5,12,15,24,±5,±12,±15,±24	51.00*25.40*11.50	1.5KV	DIL5
61D-R3	10W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
61DW-R3	10W	9-36,18-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
67D-R3	15W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
67DW-R3	15W	9-36,18-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
95D-R3	20W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
95D-B3	20W	9-18,18-36,36-75	3.3,5,12,15,±5,±12,±15	51.00*25.40*11.50	1.5KV	DIL6
95DW-R3	20W	9-36,18-75	3.3,5,12,15,±5,±12,±15	50.80*25.40*10.60	1.5KV	DIL6
95DW-B3	20W	9-36,18-75	3.3,5,12,15,±5,±12,±15	51.00*25.40*11.50	1.5KV	DIL6
96D-R5	30W	9-18,18-36,36-72	3.3,5,12,15,±12,±15	50.80*25.40*15.30	1.6KV	DIL6
96DW-R5	30W	9-36,18-75	3.3,5,12,15,±12,±15	50.80*25.40*10.60 50.80*25.40*15.30	1.6KV	DIL6
99D-R3	40W	9-18,18-36,36-75	3.3,5,12,15,±12,±15	50.80*25.40*11.60	1.5KV	DIL6
YNC20	20W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
YNC30	30W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
YNC40	40W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
YNB50	50W	9-36,18-75	5,12,15,24	50.80*25.40*11.60	1.6KV	DIL6
YNB60	60W	9-36,18-75	5,12,15,24	50.80*25.40*11.60	1.6KV	DIL6

DC-DC Converters, 2" x 1.6" & 2" x 2" Package, 30~40W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
99D-R2	40W	9-18,18-36,36-75	3.3,5,12,15,±12,±15	51.00*51.00*10.30	1.5KV	DIL8
99DW-R2	40W	9-36,18-75	3.3,5,12,15,±12,±15	51.00*51.00*10.30	1.5KV	DIL8

DC-DC Converters, Half Brick Size, 75W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
YHB75	75W	9-36,18-75,40-160	3.3,5,12,15,24	61.00*57.90*15.00	2.25KV	Half Brick Size

DC-DC Converters, Medical Application **+**

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
NEW 12D1C-NM	1W	3.3,5,12,15,24	3.3,5,9,12,15,24,±3.3,±5,±9,±12,±15,±24	19.50*9.80*12.50	5KVdc / 6KVdc	SIP7
NEW 12D1C-N2M	2W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	19.50*9.80*12.50	5KVdc / 6KVdc	SIP7
68DC-RXXM	3-6W	9-36, 18-75	3.3,5,9,12,15,24,±5,±9,±12,±15	31.80*20.30*10.20	6KVdc / 5.2KVdc	DIL24
NEW YNB20-M	20W	9-36,18-75	5,12,15, ±5,±12,±15	40.70*25.40*10.80	5KVdc	DIL5
NEW YNB30-M	30W	9-36,18-75	5,12,15, ±5,±12,±15	50.80*25.40*10.80	5KVdc	DIL5
68DW10-M	10W	9-36,18-75	3.3,5,12,15,±5,±12,±15	31.60*20.10*10.00	5KVdc	DIL24

DC-DC Converters, Railway Application **🚂**

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
68DW-R1	10W	40-160	3.3,5,12,15,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
98DW20-R3	20W	9-36,18-75,40-160	3.3,5,12,15,±12,±15	50.80*25.40*10.60	3KV	DIL6
98DW30-R3	30W	9-36,18-75,40-160	3.3,5,12,15,±12,±15	51.00*25.40*13.50	3KV	DIL6

- ◆ High efficiency / low power consumption
- ◆ Over current /over voltage/ short circuit multiple protection features

AC-DC Power Module, GA Series

Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)
GA003	3W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	35.05*25.40*17.78	3KV
GA005	5-6W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	50.80*25.40*17.02	3KV
GA5A	5-6W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	35.00*25.40*17.80	3KV
GA5E	5W	90-264	3.3,5,9,12,15,24,48	25.40*25.40*16.10	3KV
+ GA5M	5W	80-264	5,12,15,24	50.80*25.40*17.02	4KV
GA007	7W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48,±5,±12,±15,±24	53.34*41.28*20.32	3KV
+ GA10M	10W	80-264	5,12,15,24	50.80*25.40*17.02	4KV
GA010	10W	90-264	3.3,5,12,15,24,48,±5,±12,±15,±24	63.50*44.45*19.05	3KV
GA10D	10-12W	90-264	3.3,5,10,12,15,24,36,48	50.80*25.40*23.50	4KV
GA015	13-19W	90-264	3.3,5,12,15,24,48,±5,±12,±15,±24	69.85*48.01*23.37	3KV
NEW GA25H1	25W	85-305	3.3,5,9,12,15,24,36,48	70.00* 48.00*23.50	4.2KVac
GA030	26-48W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48,±5,±12,±15,±24	88.90*63.50*31.75	3KV



AC/DC power module



1" x 1" Package



Medical Application



25W Power Module



Medical Application



3" X 2" Miniature Size

AC-DC Converter, Open Frame, GB Series

Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)
GB003	3W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	32.50*23.00*16.00	3KV
GB005	5-6W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	48.50*23.00*16.00	3KV
+ GB5M	5W	80-264	5,12,15,24	48.50*23.00*14.00	4KV
+ GB10M	10W	80-264	5,12,15,24	48.50*23.00*14.00	4KV
GB015	10-19W	90-264	3.3,5,12,15,24,48	80.00*40.00*24.00	3KV
GB020 GB030	20/30W	90-264	3.3,5,12,15,24,48,±5,±12,±15	101.60*50.80*31.00	3KV
GB040	40W	90-264	5/12,5/24,±5/12,5/±12,5/±15,5/+24/-12,±5/24,3.3/5/-12	101.60*50.80*31.00	3KV
GB60A	40-60W	90-264	3.3,5,9,12,15,16,24,27,36,48	101.60*50.80*31.00	3KV
GB100	100W	90-264	3.3,5,12,15,24,36,48	127.00*76.20*35.56	3KV
GB150	150W	90-264	12,15,24,36,48	127.00*76.20*35.50	3KV

AC-DC CONVERTER

- ◆ Various options for package
- ◆ Full voltage range, full selection
- ◆ Widely applied in energy, electricity, equipment, medical, and industrial area

	<h3>AC-DC Power Module, GC Series</h3> <table border="1"> <thead> <tr> <th>Series</th> <th>Watt</th> <th>Input (Vac)</th> <th>Output (Vdc)</th> <th>Size (mm)</th> <th>Isolated (Vac)</th> <th>Package</th> </tr> </thead> <tbody> <tr> <td>GC003</td> <td>3W</td> <td>90-264</td> <td>3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48</td> <td>35.05*25.40*17.78</td> <td>3KV</td> <td>Module/Wired</td> </tr> <tr> <td>GC005</td> <td>5-6W</td> <td>90-264</td> <td>3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48</td> <td>50.80*25.40*17.02</td> <td>3KV</td> <td>Module/Wired</td> </tr> </tbody> </table>	Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)	Package	GC003	3W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	35.05*25.40*17.78	3KV	Module/Wired	GC005	5-6W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	50.80*25.40*17.02	3KV	Module/Wired															
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<p>Module/Wired</p>	<h3>AC-DC Converter, GP Series</h3> <table border="1"> <thead> <tr> <th>Series</th> <th>Watt</th> <th>Input (Vac)</th> <th>Output (Vdc)</th> <th>Size (mm)</th> <th>Isolated (Vac)</th> <th>Package</th> </tr> </thead> <tbody> <tr> <td>GP25D</td> <td>20-27W</td> <td>90-264</td> <td>3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48</td> <td>66.5*47.5*22.0</td> <td>3KV</td> <td>Open Frame</td> </tr> </tbody> </table>	Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)	Package	GP25D	20-27W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	66.5*47.5*22.0	3KV	Open Frame																						
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	<h3>AC-DC Power Converter, Open Frame, GS series</h3> <table border="1"> <thead> <tr> <th>Series</th> <th>Watt</th> <th>Input (Vac)</th> <th>Output (Vdc)</th> <th>Dimension (mm)</th> <th>Isolated</th> </tr> </thead> <tbody> <tr> <td>GS1</td> <td>1W</td> <td>85-305</td> <td>5,9,12,15,24</td> <td>35.00*11.00*18.00</td> <td>3KVac</td> </tr> <tr> <td>GS3</td> <td>3W</td> <td>85-305</td> <td>3.3,5,9,12,15,24</td> <td>35.00*11.00*18.00</td> <td>3KVac</td> </tr> <tr> <td>GS5</td> <td>5W</td> <td>85-264</td> <td>3.3,5,9,12,15,24</td> <td>42.00*13.65*20.00</td> <td>3KVac</td> </tr> <tr> <td>NEW GS3H1</td> <td>3W</td> <td>85-305</td> <td>3.3,5,9,12,15,24</td> <td>26.40*14.73*11.00 27.84*11.60*17.60</td> <td>3.6KVac / 5KVdc</td> </tr> <tr> <td>NEW GS5H1</td> <td>5W</td> <td>85-305</td> <td>3.3,5,9,12,15,24</td> <td>26.40*14.73*11.00 27.84*11.60*17.60</td> <td>3.6KVac / 5KVdc</td> </tr> </tbody> </table>	Series	Watt	Input (Vac)	Output (Vdc)	Dimension (mm)	Isolated	GS1	1W	85-305	5,9,12,15,24	35.00*11.00*18.00	3KVac	GS3	3W	85-305	3.3,5,9,12,15,24	35.00*11.00*18.00	3KVac	GS5	5W	85-264	3.3,5,9,12,15,24	42.00*13.65*20.00	3KVac	NEW GS3H1	3W	85-305	3.3,5,9,12,15,24	26.40*14.73*11.00 27.84*11.60*17.60	3.6KVac / 5KVdc	NEW GS5H1	5W	85-305	3.3,5,9,12,15,24	26.40*14.73*11.00 27.84*11.60*17.60	3.6KVac / 5KVdc
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<p>5 Watt Open Frame</p>	<h3>AC-DC Power Converter, Green/DoE6, 5~10 Watt</h3> <table border="1"> <thead> <tr> <th>Series</th> <th>Watt</th> <th>Input (Vac)</th> <th>Output (Vdc)</th> <th>Dimension (mm)</th> <th>Isolated</th> <th>Package</th> </tr> </thead> <tbody> <tr> <td>GA5G</td> <td>5W</td> <td>85-265</td> <td>5,12,15,24</td> <td>50.80*25.40*17.02</td> <td>3KVac</td> <td>Module</td> </tr> <tr> <td>GS6G</td> <td>6W</td> <td>90-305</td> <td>3.3,5,9,12,15,24,36,48</td> <td>35.00*11.00*18.00</td> <td>3KVac</td> <td>Open Frame</td> </tr> <tr> <td>GA10G</td> <td>10W</td> <td>85-265</td> <td>5,12,15,24</td> <td>50.80*25.40*17.02</td> <td>3KVac</td> <td>Module</td> </tr> </tbody> </table>	Series	Watt	Input (Vac)	Output (Vdc)	Dimension (mm)	Isolated	Package	GA5G	5W	85-265	5,12,15,24	50.80*25.40*17.02	3KVac	Module	GS6G	6W	90-305	3.3,5,9,12,15,24,36,48	35.00*11.00*18.00	3KVac	Open Frame	GA10G	10W	85-265	5,12,15,24	50.80*25.40*17.02	3KVac	Module								
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<p>Open Frame</p>																																					
																																					
<p>Green/DoE6</p>																																					

- ◆ Support various PHY
- ◆ Suitable for 10/100/1G/2.5G/5G/10G Base-TX applications
- ◆ 100% Electrically tested for HI-POT and continuity
- ◆ Meet or exceed IEEE 802.3af&at and ANSI X3.263
- ◆ Recognized by UL 60950-1

RJ45 With Magnetics Contents

Application	Series	Tab		Ports	LED Light		Size (mm)	Note	Image
		UP	DOWN		W/O LED	W/ LED			
10 Base-T	12F/14F-1X		●	1x1	●	●	21.59 x 16.26 x 13.84		
10/100 Base-T	13F-6X		●	1x1	●	●	21.59 x 16.26 x 13.84		
10/100 Base-T	13F-67		●	1x1	●	●	21.59 x 16.26 x 13.84	PoE(+)	
10/100 Base-T	43F	●		1x1	●	●	25.78 x 16.89 x 21.04	Single USB	
10/100 Base-T	44F	●		4 in 1		●	25.88 x 16.92 x 29.40	Dual USB	
10/100/1000 Base-T	45F	●		4 in 1	●	●	27.46 x 18.95 x 30.87 27.50 x 18.95 x 31.00	Dual USB	
10/100/1000 Base-T	46F	●		1x1	●	●	21.50 x 15.75 x 13.80		
10/100/1000 Base-T	47F	●		1X1	●	●	25.65 x 16.50 x 13.85 26.03 x 16.80 x 13.50 25.30 x 16.20 x 13.83		
100/1000 Base-T	48F		●	1x1	●	●	21.59 x 16.26 x 13.84		
10/100 Base-T	49F	●		1X1	●	●	23.05 x 16.80 x 13.95	SMD	
10/100/1000 Base-T	51F	●		1x1	●	●	16.85 x 16.10 x 17.00 16.90 x 16.00 x 16.82	180°	
10/100/1000 Base-T 2.5G/5G/10G Base-T	56F	●		1x1	●	●	32.60 x 16.60 x 13.50	Long Jack	
10/100/1000 Base-T	6XF		●	1xN	●	●	21.35 x 31.24 x 13.50 21.35 x 59.05 x 13.50	1 x 2 1 x 4 1 x 5	
10/100/1000 Base-T	71F	●	●	2x1	●	●	28.40 x 17.27 x 25.30		
10/100/1000 Base-T	74F	●	●	2x4	●	●	28.40 x 59.18 x 25.83		
POE(+)/100/1000 Base-T POE&POE(+)/2.5G Base-T POE&POE(+)/5G Base-T POE&POE(+)/10G Base-T	56F-14 56F-18 56F-20 56F-16	●	●	1x1	●	●	32.60 x 16.60 x 13.50	PoE(+)	

LAN FILTER

- ◆ Designed for Ethernet 10/100/1G/2.5G/5G/10G BASE-T applications
- ◆ IEEE 802.3 af&at/ANSI X3.263 compliant performance
- ◆ Designed for IP phone or switch applications
- ◆ Recognized by UL 60950-1 & UL1950
- ◆ Customized product and DIL Package is available

LAN Filter Contents		Package	SMT Series	
		Operation Temperature	0 to 70°C	-40 +85°C
 <p>10/100 Base-T Single Port</p>  <p>10/100 Base-T Single Port</p>  <p>10/100/1000 Base-T</p>	Single Port	10 Base-T Single Port	■	
		10/100 Base-T Single Port	■	■
		10/100 Base-T Single Port PoE	■	■
		10/100 Base-T Single Port PoE+	■	■
		1G Base-T Single Port	■	■
		1G Base-T Single Port PoE	■	■
		1G Base-T Single Port PoE+	■	■
		2.5G Base-T Single Port	■	
		2.5G Base-T Single Port PoE	■	
		2.5G Base-T Single Port PoE+	■	
		5G Base-T Single Port	■	
		5G Base-T Single Port PoE	■	
 <p>1G Base-T 48 pin SOIC</p>  <p>10G Base-T Dual Port SMD</p>	Dual Port	10G Base-T Single Port PoE+	■	
		10/100 Base-T Dual Port	■	■
		10/100 Base-T Dual Port PoE	■	■
		10/100 Base-T Dual Port PoE+	■	■
		1G Base-T Dual Port	■	■
		1G Base-T Dual Port PoE	■	■
 <p>1G Base-T Quad Port DIP</p>	Quad Port	1G Base-T Dual Port PoE+	■	■
		10G Base-T Dual Port	■	
		10/100 Base-T Quad Port	■	■
		10/100 Base-T Quad Port PoE	■	■
		10/100 Base-T Quad Port PoE+	■	■
		1G Base-T Quad Port	■	■
1G Base-T Quad Port PoE	■	■		
1G Base-T Quad Port PoE+	■	■		

- ◆ Meet RoHS, CE, UL Certification
- ◆ Railway & Medical Certificate Application
- ◆ Designed for Networking & Telecommunication
- ◆ Customized product is available

Transformer/EMI Chokes/Inductor Contents

Series	Features	Package
10T	General	6PIN DIL/DIP/SMD, 14PIN DIP/SOIC
14T/16T	RF	6PIN DIP/SMD
15T	T3/DS3/E3/STS-1 Single	6PIN DIL/DIP/SMD
15T-Dual	T3/DS3/E3/STS-1 Single	16PIN SOIC
15T-1	T3/DS3/E3/STS-1 Six & eight	24/32/40PIN SOIC
20/21/22/23T	Ethernet	16PIN DIL/DIP/SMD/SOIC
25T	10 Base-T	8/12PIN SMD, 16PIN DIL/DIP/SMD/SOIC
30T	Digital Audio Data	6PIN DIL, 8PIN SMD
40T	ISDN-S0 Single	10PIN DIL
41T/43TB	ISDN-S0 Dual	16PIN DIL/SMD
42/44/46/47T/47TS	ISDN-S0 Single	6/10PIN DIL, 8PIN SMD
45T	ISDN-S0 Single	10PIN SMD
49TM	ISDN-S0 Dual	16PIN SMD
50T	T1/CEPT Telecom Application	6PIN DIL
51T	T1/CEPT/ISDN Dual	14PIN DIL
53T	T1/CEPT/ISDN Dual	16PIN SOIC
54T	T1/CEPT/ISDN Single	10PIN DIL
55TB/57TB	T1/CEPT/ISDN Dual	12PIN SMD
56TB	T1/CEPT/ISDN Dual	16PIN SMD
58T/58TB	T1/CEPT/ISDN Quad Port	40PIN SOIC
59T/59TB	T1/E1/CEPT/ISDN-PRI Quad	30PIN SOIC
59T1	T1/CEPT/ISDN Quad	24PIN SOIC



T3/DS3/E3/STS-1 SMD



ISDN-S0 Dual



2KVrms Voltage Isolation



Dual ISDN-S0 Interface



T1/CEPT/ISDN Quad Port



1.5KVrms Voltage Isolation

HIGH FREQUENCY TRANSFORMER

- ◆ High Frequency Transformer Designed for
- ◆ Power Supply / Audio / POE
- ◆ Meet RoHS, CE, UL Certification
- ◆ Railway & Medical Certificate Application
- ◆ Customized product is available

High Frequency Transformer Contents	
Series	Features
 Transformers for PoE	EP 3~27W, for PoE, SMD Package
 SMD Package	EPC SMD/DIP Package Switching Transformer
 Inductor Transformer	ER High Frequency Switching Transformer
 Current Sensors	ETD Current Sensors High Frequency Transformer
 Switching Transformer	PQ Current Sensors High Frequency Transformer
 High Frequency	RM SMD/DIP Package Inductors Transformer
	EE SMD and DIP package with Current Sensors
	EFD High Frequency Power Transformer
	11ER/14ER Six Winding X'FMR
	15SEFD/17SEFD/20SEFD Six Winding X'FMR
	EE55 Inveter Transformer, 1000~1500W Power
	RM14 Inveter Transformer, Operate at 57KHz with 20~55 Vdc Input
	EFD15 PoE SMD High Frequency Wire Wound Transformer
	EFD20 PoE SMD High Frequency Wire Wound Transformer

EMC & Reliability Test Laboratory



Chamber



EMI Test Equipment



EMS Test Equipment



Thermal Shock Testing Chamber



Temperature and Humidity Chamber



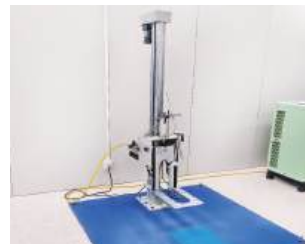
ESD Test Equipment



Natural Convection Chamber



Closed-Loop Wind Tunnel Temperature Chamber



Drop Tester



Salt Spray Tester

R&D Equipment



Programmable AC Source Model (VAC 300volt)



Digital Phosphor Oscilloscope
Programmable DC Power Supply Model
DC Electronic Load



Bluetooth Wireless Logging Station



4284A LCR Meter



RF Network Analyzer



AC/DC Withstanding Voltage Tester



Auto Soldering Machine



Auto Coil Winding Machine



Automatic LED Forming Machine



Aging Test Room



Ultrasonic Welding for Sealing Plastic Case



SMD Flatness Inspection



SMD ATE



SMD Pin Alignment



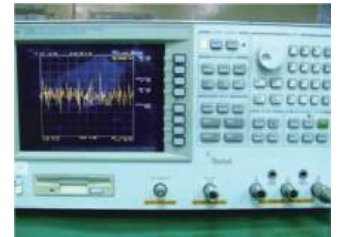
RJ45 ATE



3 in 1 Auto inspection machine
(Flatness/ Visual/ Taping)



Automatic Test Equipment



Agilent 4395A
Network Analyzer



TH2818XC Auto
Transformer Test System



Electrical Characteristics
Tester for Power Products



ATE



Laser Marking



Energy Dispersive X-ray
Fluorescence Spectrometer



IR Reflow



SMT Assembly Line




Automated Optical Inspection
(AOI)




Solder Paste Inspection

Your Design Solutions


Our core value is honesty, creativity, service, quality and social responsibility.




Professional
Independent R&D Team




Quality
Strict Quality Management



Customized
Customized Products



Fast
Quick Delivery Time



Experience
Multi Experience Integration

YDS Core Value

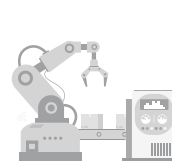
We have always believed in our core values: Honesty, Humility, Breakthrough Creativity and Excellence.

Provide customer-oriented services, and strive to care for the society while working hard in the industry.



Product Line

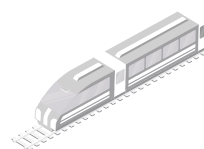
- ◆ Lan Filter & RJ45 Jack
- ◆ DC/DC Converter
- ◆ AC/DC Converter
- ◆ High Frequency Transformer
- ◆ Pulse/Audio Transformer



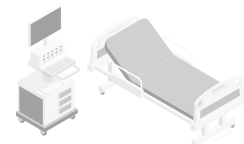
Industry Solutions



PoE Solutions



Railway Solutions



Medical Solutions



Contact Us

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