

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

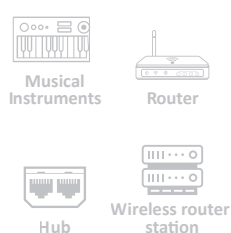
Yuan Dean is one of the most experienced manufacturers of DC-DC converters in Taiwan. We offer different converters for clients to apply in different areas, such as industrial automation, railway transportation and medical electronics. To keep up with the market, we develop a series of compact size DC-DC 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.



AC-DC Converters

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

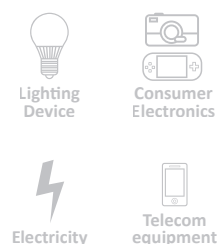
We develop our AC-DC converters in a power range from 0.5W to 300W with various package options. Our AC-DC converters are well-known for their high efficiency, low power consumption and outstanding performance. Our design refers to the standard of Energy Star \ EMC \ IEC/EN/UL62368 and 60950. They can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



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.



Various Transformers

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

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, and power inductors. 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

◆ Constant Short-Circuit Protection

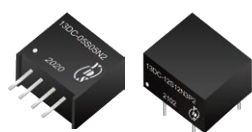
◆ Meet RoHS, CE, UL Certification

◆ Meet Railway & Medical Certification

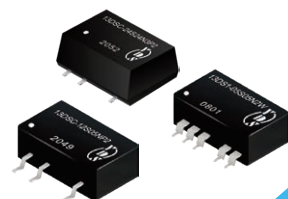


NEW YTB15

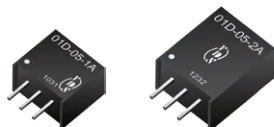
Ultra Compact Size



SIP4 / DIL8 Package



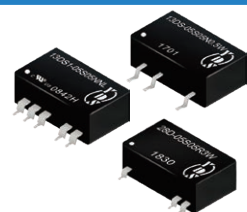
Economical



Non-isolated



Open Frame



SMD Package

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

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
NEW YTB10	10W	9-36,18-75	5,12,15,24,±12,±15	24.00*14.00*9.50	1.6KV	DIP16
NEW YTB15	15W	9-36,18-75	5,12,15,24,±12,±15	24.00*14.00*9.50	1.6KV	DIP16

DC-DC Converters, Economical, 1 ~ 3W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
12DC	1W	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
13DC	1W	5,12,15,24	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	1W	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	1W	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	1W	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	SIP6
12DC-2W	2W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5-6KV	SIP7
13DC-2W	2W	12,15,24	5,9,12,15,24,±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	12,15,24	5,9,12,15,24	12.70*7.60*6.25 12.80*10.80*6.90	1.5 / 3KV	SMD
13DS1C-2W	2W	12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	15.24*8.00*7.30	1.5 / 3KV	SMD
14DC-2W	2W	12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	19.50*6.00*10.00	1.5 / 3KV	SIP6
12DC-3W	3W	12,15,24	5,12,15,24,±5,±12,±15,±24	19.50*7.10*10.00	1.5-6KV	SIP7
14DC-3W	3W	12,15,24	5,12,15,24,±5,±12,±15,±24	19.50*7.10*10.00	1.5 / 3KV	SIP6

DC-DC Converters, Non-isolated, 0.5 ~ 16A, Regulated

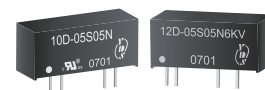
P/N (Series)	Input Voltage(Vdc)	Output Voltage(Vdc)	Output Current	Size(mm)	Package
01D-500	4.75-34	1.5,1.8,2.5,3.3,5.0,6.5,9.0,12,15	500mA	11.60*7.60*10.40	SIP3
01D-1A	4.6-36	1.2,1.5,1.8,2.5,3.3,5.0,6.5,9.0,12,15	1000mA	11.60*7.60*10.40	SIP3
01D-2A	4.75-36	1.8,2.5,3.3,5.0,9.0,12,15	2000mA	11.50*8.50*17.50	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
NEW 01D-3AF	4.75-36	2.5,3.3,5.0,12,15	3000mA	14.90*9.50*18.40	SIP3
08D-500	9-72	3.3,5.0,6.5,9.0,12,15,24	500mA	11.50*8.50*17.50	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

DC-DC Converters, SMD Package, 0.25 ~ 3W

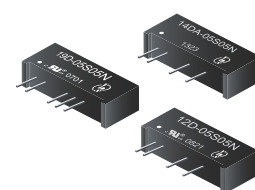
P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
13DS-0.25W	0.25W	3,3,5,9,12,15	3,3,5,9,12,15	12.70*7.60*6.25	1KV	SMD
13DS-0.5W	0.5W	3,3,5,9,12,15	3,3,5,9,12,15	12.70*7.60*6.25	1KV	SMD
13DS	1W	3,3,5,9,12,15,24	3,3,5,9,12,15,24	12.70*7.60*6.25 12.80*10.80*6.90	1KV	SMD
13DS1	1W	3,3,5,9,12,15	3,3,5,9,12,15,±3,3,±5,±9,±12,±15	15.24*8.00*7.30 15.24*8.00*8.50	3KV	SMD
13DS2	1W	3,3,5,9,12,15	3,3,5,9,12,15,±3,3,±5,±9,±12,±15	15.24*8.00*7.30 15.24*8.00*8.50	1KV	SMD
13DS2-N33KV	1W	3,3,5,9	3,3,5,9,±3,3,±5,±9	15.24*8.00*7.30	3KV	SMD
13DS3	1W	3,3,5,9,12,15	3,3,5,9,12,15	12.70*7.60*6.25	1KV	SMD
13DS4	1W	3,3,5,9,12,15	3,3,5,9,12,15,±3,3,±5,±9,±12,±15	15.24*8.00*7.30 15.24*8.00*8.50	1KV	SMD
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
13DS-2W	2W	3,3,5,9,12	3,3,5,9,12	12.70*7.60*6.25	1KV	SMD
13DS1-2W	2W	5,9,12,15	5,9,12,15,±5,±9,±12,±15	15.24*8.00*8.50	3KV	SMD
13DS2-N42W	2W	5,9,12,15,24	5,9,12,15,±5,±9,±12,±15	15.24*8.00*8.50	1KV	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

DC-DC Converters, SIP Package, 0.25 ~ 9W

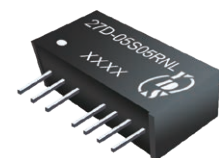
P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
11D	0.25W	3.3,5,9,12,15,24	3.3,5,9,12,15,24, ±3.3,±5,±9,±12,±15,±24	11.50*6.00*10.00 12.70*10.16*6.80 12.70*10.16*7.50 11.50*7.50*10.00 11.50*6.00*7.50	1KV / 3KV	SIP4 DIL8 DIL8 SIP4 SIP4
10D	1W	3.3,5,9,12,15,24,48	3.3,5,9,12,15,24	19.50*6.00*10.00 19.50*7.10*10.00	1KV	SIP6
12D	1W	3.3,5,9,12,15,24,48	3.3,5,9,12,15,24, ±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00 19.50*7.10*10.00	3KV	SIP7
12D-6KV	1W	3.3,5,9,12,15,24	5,9,12,15,24, ±5,±9,±12,±15,±24	19.50*7.10*10.00	6KV	SIP7
12D-R	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
12D1B	1W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15	19.50*9.80*12.50	6.4KV	SIP7
12DA	1W	5,12,15,24,48	5,9,12,15,±5,±9,±12,±15	19.50*6.00*10.00 19.50*7.10*10.00	3KV	SIP7
12DB	1W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15	19.50*6.00*10.00 19.50*7.10*10.00	3KV / 4KV	SIP7
12DZ	1W	4.5-9-9-18,18-36	5,9,12,15,24	19.50*7.10*10.00 11.50*6.00*10.00 11.50*7.50*10.00 12.70*10.16*6.80 12.70*12.70*9.50	3KV	SIP7 SIP4 SIP4 DIL8 DIL8
13D	1W	3.3,5,9,12,15,24	3.3,5,9,12,15,24	19.50*6.00*10.00 19.50*7.10*10.00	1KV	SIP7
14D	1W	3.3,5,9,12,15,24,48	3.3,5,9,12,15,24, ±3.3,±5,±9,±12,±15,±24	19.50*6.00*10.00 19.50*7.10*10.00	1KV / 1.5KV	SIP7
14DA	1W	5,12,15,24,48	5,9,12,15,±5,±9,±12,±15	19.50*6.00*10.00 19.50*7.10*10.00	1KV	SIP7
14DB	1W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15	19.50*6.00*10.00 19.50*7.10*10.00	1KV / 1.5KV	SIP7
14DZ	1W	4.5-9-9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
12D-2W	2W	5,9,12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	19.50*7.10*10.00	3KV	SIP7
12DA-2W	2W	5,12,15,24	5,9,12,15,±5,±9,±12,±15	19.50*7.10*10.00	3KV	SIP7
12DB-2W	2W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15	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
13D-2W	2W	5,9,12,15,24	5,9,12,15,24	11.50*7.50*10.00	1KV	SIP4
14DB-2W	2W	5,12,15,24	5,9,12,15,24,±5,±9,±12,±15	19.50*7.10*10.00	1KV	SIP7
14DZ-2W	2W	4.5-9-9-18,18-36	5,9,12,15,24	19.50*7.10*10.00	3KV	SIP7
19D	2W	5,9,12,15,24	5,9,12,15,24,±5,±9,±12,±15,±24	19.50*7.10*10.00	1KV	SIP7
19DA	2W	5,12,15,24	5,9,12,15,±5,±9,±12,±15	19.50*7.10*10.00	1KV	SIP7
27D	2W	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
12D-3W	3W	5,12,15,24	5,9,12,15,±5,±9,±12,±15	19.50*7.10*10.00	3KV	SIP7
13DB-3W	3W	5,9,12,15	5,9,12,15	11.50*7.50*10.00	1KV	SIP4
14D-3W	3W	5,12,24	5,9,12,15,±5,±9,±12,±15	19.50*7.10*10.00	1KV	SIP7
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
27DW-6W	6W	9-36,18-72	3.3,5,12,15,24,±12,±15	21.80*9.20*11.10	1.5KV	SIP8
NEW 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



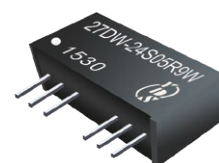
SIP7 Package



SIP8 Package



10:1 Wide Input



9 Watt SIP8



25 Watt DIL24

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
69D	3W	9-36,18-72	5,12,15,±5,±12,±15	31.60*20.10*11.00	1.5KV	DIL24
68D5	5-6W	9-18,18-36,36-72	3.3,5,12,15,±5,±12,±15	31.60*20.10*11.00	1.5KV	DIL24
68DW5	5-6W	9-36,18-72	3.3,5,12,15,±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
NEW 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
NEW YKB15	15W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
NEW YKB20	20W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24
NEW YKB25	25W	9-36,18-75	5,12,15,24,±12,±15	31.60*20.10*10.00	1.6KV	DIL24

DC-DC CONVERTER



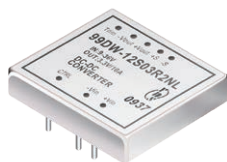
HOT 96DW-R6

1" x 1" Size, 30 Watt



NEW YNC40

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

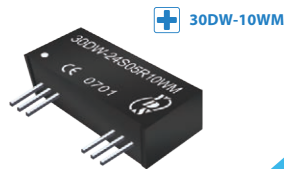


2" x 2" Size, 40 Watt



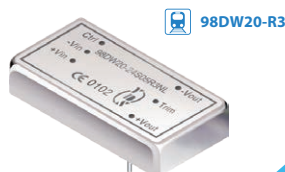
NEW YHB75

Half Brick Size, 75 Watt



+ 30DW-10WM

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
76D-3W	3W	4.5-9-18,18-36,36-75	5,12,15,±5,±12,±15	25.40*25.40*10.60	1.5KV	DIL5
76D-6W	6W	9-18,18-36,36-75	5,12,15,24,±5,±12,±15	25.40*25.40*10.60	1.5KV	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
NEW 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
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, 5 ~ 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*10.60 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
NEW YNC20	20W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
NEW YNC30	30W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
NEW YNC40	40W	9-75	5,12,15,24,48,±12,±15	50.80*25.40*11.60	2.25KV	DIL6
NEW YNB50	50W	9-36,18-75	5,12,15,24	50.80*25.40*11.60	1.6KV	DIL6
NEW 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
96D	30W	9-18,18-36,36-72	3,3,5,12,15,±5,±12,±15	51.00*51.00*10.30	3KV	DIL8
96DW	30W	9-36,18-72	3,3,5,12,15,±5,±12,±15	51.00*51.00*10.30	3KV	DIL8
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, 3"x 2.6" Package, 60W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
93D	60W	9-18,18-36,36-72	5,12,15,±5,±12,±15	76.70*66.50*21.60	3KV	DIL8
93DW	60W	9-36,18-72	5,12,15,±5,±12,±15	76.70*66.50*21.60	3KV	DIL8

DC-DC Converters, Half Brick Size, 75W

P/N(Series)	Watt	Input Voltage (Vdc)	Output Voltage (Vdc)	Size(mm)	Isolated	Package
NEW 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
12D1M	1W	5,12,24	5,12,15,±5,±9,±12,±15	19.50*9.80*12.50	4.2KVac/6KVdc	SIP7
12D1M-2W	2W	5,12,24	5,12,15,±5,±9,±12,±15	19.50*9.80*12.50	4.2KVac/6KVdc	SIP7
30DW-10WM	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	32.20*15.20*11.00	3KVac	SIP12
68DW10-M	10W	9-36,18-75	3,3,5,12,15,±5,±12,±15	31.60*20.10*10.00	5KVac	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
NEW 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
GA025-SXX	14-25W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	76.20*50.80*25.40	3KV
GA025	24-27W	90-264	3.3,13,14,15,16,18,24,27,36,48,±5,±12,±15,±24	76.20*50.80*25.40	3KV
GA25D	20-27W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	69.85*48.01*23.37	3KV
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 Converter, Open Frame, GB Series

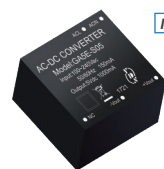
Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)
GB003	3W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	32.50*23.00*16.00	3KV
GB005	5-6W	90-264	3.3,5,6,7,8,9,10,12,13,14,15,16,18,24,27,36,48	48.50*23.00*16.00	3KV
+ GB5M	5W	80-264	5,12,15,24	48.50*23.00*14.00	4KV
+ GB10M	10W	80-264	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
GB40A	30-40W	90-264	3.3,5,9,12,15,16,24,27,36,48	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
NEW GB100A	100W	90-264	12,15,24,27,48	76.20*50.80*27.00	3KV
GB150	150W	90-264	12,15,24,36,48	127.00*76.20*35.50	3KV
GB200	200W	90-264	12,15,24,27,48	127.00*76.20*36.00	3KV

AC-DC Power Module, GC Series

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

AC-DC Converter, GP Series

Series	Watt	Input (Vac)	Output (Vdc)	Size (mm)	Isolated (Vac)	Package
GP12	10-15W	90-264	3.3,5,9,12,15,24,36,48	65.0*38.0*25.0	4KV	Open Frame
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



NEW GA5E

1" x 1" Package

+ For Medical



Medical Application



60 Watt Single Output



NEW GB100A

3" X 2" Miniature Size

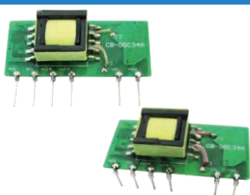


Module/Wired



25 Watt Open Frame

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



Open Frame

AC-DC Power Converter, Open Frame, GS series

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



Green/DoE6

AC-DC Power Converter, Green/DoE6, 5 ~ 30 Watt

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
GA30G	30W	85-264	5,12,15,24,36,48	69.85*48.01*23.37	3KVac	Module



IP67 Design

AC-DC LED Driver

Series	Watt	Input (Vac)	Output (MAX.)	Dimmable	PFC	Size (mm)	Package
LGA6	3-6W	90-264	300-700mA	—	—	70.00*33.00*22.50	Plastic Case
LGA10	3-10W	90-264	300-700mA	—	■	70.00*33.00*22.50	Plastic Case
LGA10A	3-10W	90-264	300-700mA	—	■	70.00*33.00*22.50	Plastic Case
LB6	3-6W	90-264	300-700mA	—	—	37.00*17.00*18.00	Open Frame
LB8A	3-8W	90-264	150-700mA	—	■	50.00*18.00*19.00	Open Frame
LBU8D LBE8D	3.2-7.8W	110 230	300-700mA ±5%	■	■	62.00*25.00*21.00	Open Frame
LUA20D LEA20D	10.8-19.2W	110 230	300-500mA ±5%	■	■	170.00*33.00*25.00	Plastic Case (IP64 Level)
T8P T8AP	8-22W	90-264	200-480mA	—	■	290.00*17.00*11.00 245.00*18.00*11.00	Open Frame Non-Isolated Isolated
LGA20 LGA20A	10-25W	90-264	300-700mA	—	■	120.00*35.00*26.00	Plastic Case (IP64/67 Level)
LHA20 LHA20A	10-25W	90-305	300-700mA	—	■	120.00*35.00*26.00	Plastic Case (IP64/67 Level)
LGA30 LGA30A	10-30W	90-264	300-700mA	—	■	170.00*33.00*25.00	Plastic Case (IP64/67 Level)



LED Bulbs Driver



IP64/IP67 Design

DC-DC LED Driver, Non-Isolated

Series	Watt	Input (Vac)	Output (MAX.)	Dimmable	PFC	Size (mm)	Package
LDA24	0.6-23.8W	5-36	300-700mA	■	—	22.10*12.55*8.50	Module
LDA48	5.4-49W	36-72	300-700mA	■	—	31.80*20.30*10.20	Module



Non-Isolated

- ◆ 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
		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 19.72 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/53F	●		1x1	●	●	16.85 x 16.10 x 17.00 16.90 x 16.00 x 16.82 23.25 x 16.20 x 16.70	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	●	●	21.59 x 16.26 x 13.84 32.60 x 16.60 x 13.50 32.59 x 16.31 x 13.61	PoE(+)



PoE(+) 10/100 Base-TX



USB + RJ45 Integrated



Single Port 1G Base-T



10/100 Base-T SMD



Vertical (180°)



Long Jack



1 x N Ports



2 x N Ports

- 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
<div></div> <div>10/100 Base-T Single Port</div>	Single Port	10 Base-T Single Port	■	
<div></div> <div>10/100 Base-T Single Port</div>		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		■		
5G Base-T Single Port PoE+		■		
<div></div> <div>10/100/1000 Base-T</div>		10G Base-T Single Port	■	
		10G Base-T Single Port PoE	■	
		10G Base-T Single Port PoE+	■	
		<div></div> <div>1G Base-T 48 pin SOIC</div>	10/100 Base-T Dual Port	■
	10/100 Base-T Dual Port PoE		■	■
	10/100 Base-T Dual Port PoE+		■	■
	<div></div> <div>10G Base-T Dual Port SMD</div>		1G Base-T Dual Port	■
1G Base-T Dual Port PoE			■	■
1G Base-T Dual Port PoE+			■	■
10G Base-T Dual Port			■	
<div></div> <div>1G Base-T Quad Port DIP</div>	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
41/43T	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
80/81T	Standard Low Power Inductors	4PIN DIL
80/85T	Inductors	2/4PIN DIL
82T	Current Sense	2/3PIN SIP & 7PIN DIL
83T	Through Hole & SMT	2PIN DIL & SMT
87T	SMT 500KHz Current Sense	SMT
89T	Low Cost Inductors	Vertical & Low Profile
96T	High & Low Current Toroidal Inductors	SMT
97T	SMT Inductors	SMT Self-Leaded
98T	High Current Toroidal Inductors	4PIN DIL



T3/DS3/E3/STS-1 SMD



ISDN-S0 Dual



T1/CEPT/ISDN Quad Port



Current Sense



Inductors



High/Low Current Toroidal

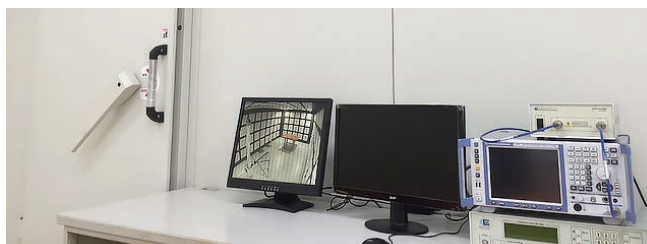
- High Frequency Transformer Designed for
- Power Supply / Audio / POE
- Meet RoHS, CE, UL Certification
- Railway & Medical Certificate Application
- Customized product is available

High Frequency Transformer Contents	
Series	Features
 Transformers for PoE	EP 3 ~ 27W, for PoE, SMD Package
 SMD Package	UU Common Mode Inductors/EMI Filter/Line Filter
 Inductor Transformer	EPC SMD/DIP Package Switching Transformer
 Current Sensors	ER High Frequency Switching Transformer
 Switching Transformer	ETD Current Sensors High Frequency Transformer
 High Frequency	PQ Current Sensors High Frequency Transformer
	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



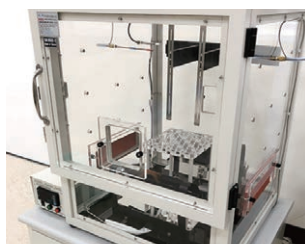
Thermal Shock
Testing Chamber



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



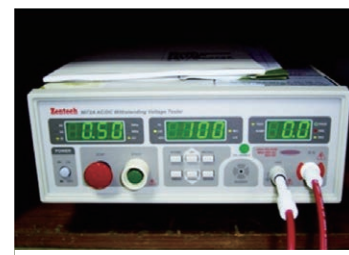
Bluetooth Wireless
Logging Station



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



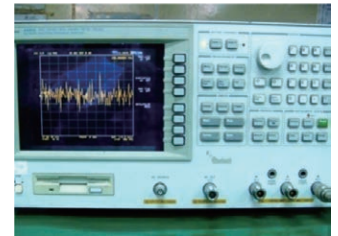
RJ45 ATE



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



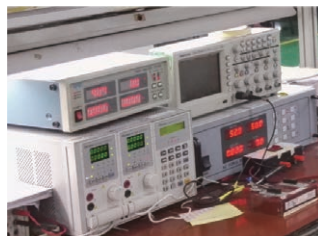
Automatic Test Equipment



Agilent 4395A
Network Analyzer



TH2818XC Auto
Transformer Test System



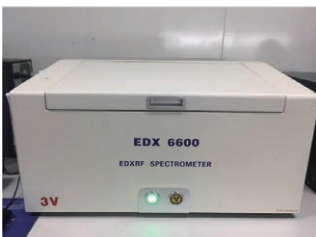
Electrical Characteristics
Tester for Power Products



Integrating Sphere
(for Testing LED Luminous)



Laser Marking



Energy Dispersive X-ray
Fluorescence Spectrometer



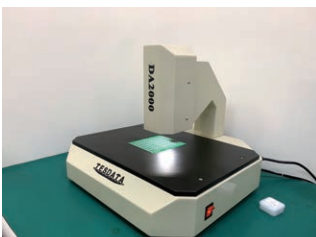
IR Reflow



SMT Assembly Line



Automated Optical Inspection
(AOI)



Solder Paste Inspection

Your Design Solutions

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



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