



# DC-DC

c o n v e r t e r

0.5W~30W Module Type



5W~15W On Board Type



5W~15W Open Frame Type



15W~1000W Enclosed Type













# Module Type

[ Single Output ]



Series	Wat.	Input (Vdc)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/ EMC	War. (Year)
			3.3V	5V	9V	12V	15V	24V				
SRS 	0.5	4.5~5.5 10.8~13.2 21.6~26.4 43.2~52.8		100	56	42	34		A E K L Q T	0.89"x 0.39"x 0.33"		2
SUS01 	1	4.5~5.5 10.8~13.2 21.6~26.4 43.2~52.8		200	111	84	67		A E K L N Q T	0.89"x 0.39"x 0.33"		2
SBT01 	1	4.5~5.5 10.8~13.2		200	111	84	67		A E L M N Q	0.50"x 0.30" 0.24"	UL	1
SFT01 	1	4.5~5.5 10.8~13.2		200	111	84	67		A H L M N Q	0.60"x 0.30"x 0.24"	UL	1
SPR01 	1	4.5~5.5 10.8~13.2 21.6~26.4 43.2~52.8		200	100	84	67		A E J L N Q T	0.77"x 0.28"x 0.40"	CE / FCC	2
SPU02 	2	4.5~5.5 10.8~13.2 21.6~26.4		400		167	133		A H J L N Q T	0.77"x 0.28"x 0.40"	CE / FCC	2
SCW03 	3	9~18 18~36 36~72		600		250	200		A B E H I O Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
SCW05 	5	9~18 18~36 36~72		1000	556	470	400		A B E H I O Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
SLW05 	5	9~18 18~36 36~72		1000	556	417	333		A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
SCW08 	8	9~18 18~36 36~72		1600		670	533		A B E O Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
SCW12 	12	9~18 18~36 36~72		2400		1000	800		A B F O Q T V	1.25"x 0.8"x 0.48"	CE / FCC	2
SKE10 	10	9~18 18~36 36~72		2000		840	666	420	A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
SKA15 	15	9~18 18~36 36~72	3000	3000		1250	1000		A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
SKE15 	15	9~18 18~36 36~72		3000		1250	1000	625	A B E H I P Q T	2"x 2"x 0.43"	CE / FCC	2
SDM30 	30	9~18 18~36 36~72	5000	5000		2100	1700		A B C E O Q S T V	2"x 2"x 0.63"	CE	2

# Module Type

*[ Dual Output ]*




Series	Wat.	Input (Vdc)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/ EMC	War. (Year)
			3.3V	5V	9V	12V	15V	24V				
DET01 	1	4.5~5.5 10.8~13.2		±100	±56	±42	±33		A H L M N Q	0.6"x 0.3"x 0.24"	UL	1
DCW03 	3	9~18 18~36 36~72		±300		±125	±100		A B E H I P Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
DCW05 	5	9~18 18~36 36~72		±500		±230	±190		A B E H I P Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
DLW05 	5	9~18 18~36 36~72		±500		±208	±167		A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
DCW08 	8	9~18 18~36 36~72		±800		±335	±267		A B E O Q T	1.25"x 0.8"x 0.48"	CE / FCC	2
DCW12 	12	9~18 18~36 36~72		±1200		±500	±400		A B F O Q T V	1.25"x 0.8"x 0.48"	CE / FCC	2
DKE10 	10	9~18 18~36 36~72		±1000		±420	±333	±210	A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
DKA15 	15	9~18 18~36 36~72		±1500		±625	±500		A B E H I P Q T	2"x 1"x 0.44"	CE / FCC	2
DKE15 	15	9~18 18~36 36~72		±1500		±625	±500	±313	A B E H I P Q T	2"x 2"x 0.43"	CE / FCC	2
DKA30 	30	9~18 18~36 36~72		±2500		±1250	±1000		A B E I P Q S T V	2"x 2"x 0.82"	CE / FCC	2

*[ Triple Output ]*



Series	Wat.	Input (Vdc)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/ EMC	War. (Year)
			3.3V	5V	9V	12V	15V	24V				
TKA30-B 	25	9~18 18~36 36~72		3500			±310		A B E I P Q T V	2"x 2"x 0.82"	CE / FCC	2
TKA30-C 	25	9~18 18~36 36~72		3500				±250	A B E I P Q T V	2"x 2"x 0.82"	CE / FCC	2

## On Board Type

[ Single Output ]



Series	Wat.	Input (Vdc)	Output Rated Current (mA)					Features	Dimension (LxWxH) (inch)	Safety/ EMC	War. (Year)
			3.3V	5V	9V	12V	15V				
NSD05 	5	9.2~36 18~72	1200	1000		420	330	ABCFIQTV	1.6"x 1"x 0.327"	CB / CE	2
NSD10-S 	10	9.8~36 22~72	2500	2000	1100	830	670	ABCFIQTV	2"x 1"x 0.394"	UL / CE	2
NSD15-S 	15	9.4~36 18~72	3750	3000		1250	1000	ABCFIQSTV	2"x 1.5"x 0.387"	UL / CE	2

[ Dual Output ]

Series	Wat.	Input (Vdc)	Output Rated Current (mA)					Features	Dimension (LxWxH) (inch)	Safety/ EMC	War. (Year)
			3.3V	5V	9V	12V	15V				
NSD10-D 	10	9.8~36 22~72		±50~ 1000		±20~ 420	±16~ 330	ABCFIQTV	2"x 1"x 0.394"	UL / CE	2
NSD15-D 	15	9.4~36 18~72		±70~ 1500		±30~ 620	±20~ 500	ABCFIQSTV	2"x 1.5"x 0.387"	UL / CE	2

## Open Frame Type

[ Single Output ]

Series	Wattage	Input (Vdc)	Output Rated Current (A)			Features	Dimension (LxWxH) (mm)	Safety/ EMC	War. (Year)
			5V	12V	24V				
PSD-05 	5	36~72	1	0.45	0.22	ABCDGQT	75x 40x 20	CE	2
PSD-15 	15	9.2~18 18~36 36~72	3	1.25	0.6	ABCDGQT	94x 49x 25	CE	2



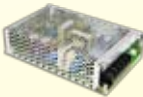






**Features:** A - Short circuit protection  
 B - Overload protection  
 C - Over voltage protection  
 D - Over temperature protection  
 E - 1000VDC I/O isolation  
 F - 1500VDC I/O isolation  
 G - 2000VDC I/O isolation  
 H - 3000VDC I/O isolation

I - 4:1 wide input range  
 J - Single in line package  
 K - Dual in line package  
 L - Internal SMD technology  
 M - SMD package style  
 N - Non-conductive plastic case  
 O - Five-sided shield metal case  
 P - Six-sided shield metal case

Q - Cooling by free air convection  
 R - Cooling by built-in DC fan  
 S - Trimming output  
 T - Built-in EMI filter  
 U - Remote sense  
 V - Remote control  
 W - Output OK signal  
 ( ) Optional function

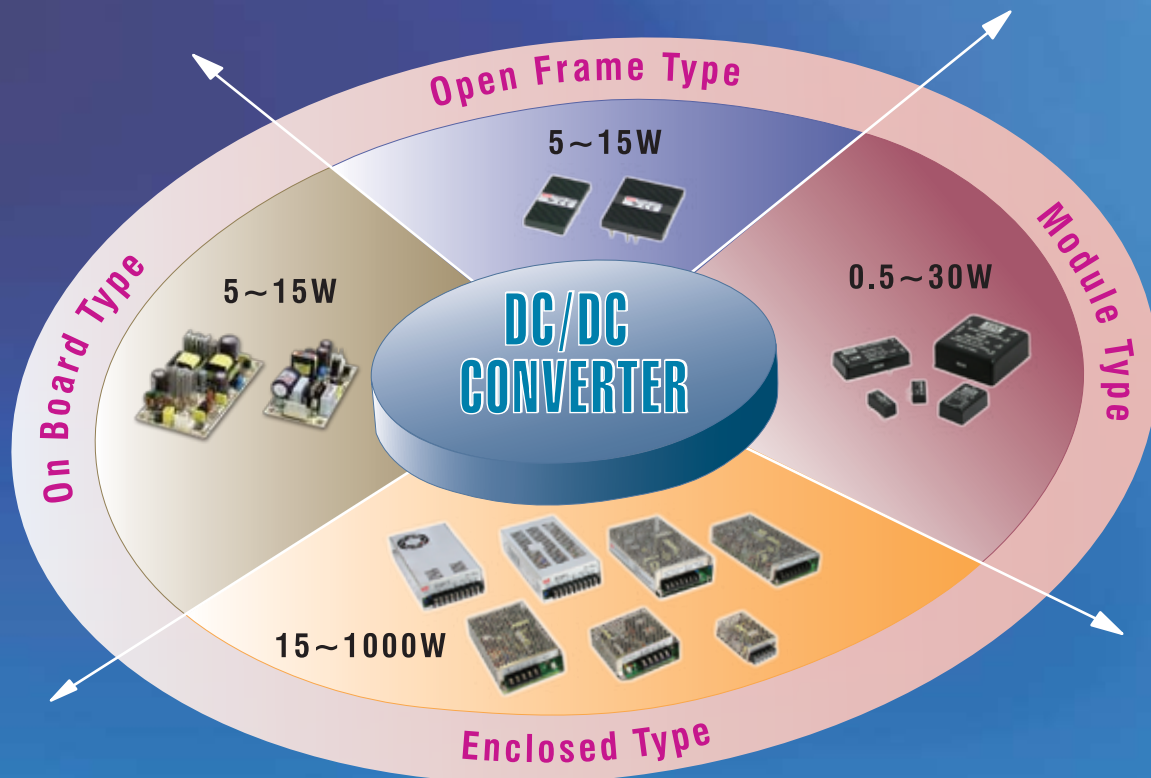
# Enclosed Type

[ Single Output ]

Series	Wattage	Input (Vdc)	Output Rated Current (A)				Features	Dimension (LxWxH)(mm)	Safety/ EMC	War. (Year)
			5V	12V	24V	48V				
SD-15 	15	9.2~18 18~36 36~72	3	1.25	0.625		ABCGQT	79x 51x 28	CE	2
SD-25 	25	9.2~18 18~36 36~72	5	2.1	1.1		ABCFQT	99x 97x 36	CE	2
SD-50 	50	9.2~18 18~36 36~72	10	4.2	2.1		ABCFQT	159x 97x 38	CE	2
SD-100 	100	19~36 36~72 72~144	20	8.5	4.2		ABCFQT	199x 98x 38	CE	2
SD-150 	150	19~36 36~72 72~144		12.5	6.3		ABCFQT	199x 110x 50	CE	2
SD-200 	200	19~36 36~72 72~144	40	16.7	8.4	4.2	ABCDFQT	215x 115x 50	CE	2
SD-350 	350	19~36 36~72 72~144	60	27.5	14.6	7.3	ABCDFRT	215x 115x 50	CE	2
SD-500 	500	19~72 72~144		40	21	10.5	ABCDGIRTUVW	215x 115x 50	CB / CE	3
SD-1000 	1000	19~72 72~144		60	40	21	ABCDGIRTUVW	295x 127x 41	CB / CE	3



## Product Range



## Advantages of Mean Well Product

- Professional design, stable quality, low cost, prompt service
- Complete AC-DC product lines and DC-DC products, provide various selection for clients
- Unique and complete 15~1000W enclosed DC-DC converters
- High flexibility of modification to meet customers' request
- Continually launching new products

For more information, please visit: [www.meanwell.com](http://www.meanwell.com)

### Taiwan

MEAN WELL ENTERPRISES CO., LTD.

No.28, Wu-Chuan 3rd Road, Wu Ku Ind. Park, Taipei Hsien, Taiwan, 248

TEL +886-2-2299-6100 FAX +886-2-2299-6200 E-mail [info@meanwell.com](mailto:info@meanwell.com) Web [www.meanwell.com](http://www.meanwell.com)

### China

GUANGZHOU MEAN WELL ELECTRONICS CO., LTD.

2nd Floor, No.A Building, Yuean Ind. Park,  
Dongpu Town, Tianhe District, Guangzhou, China

TEL +86-20-2887-1200 FAX +86-20-8201-0507

E-mail [info@meanwell.com.cn](mailto:info@meanwell.com.cn) Web [www.meanwell.com.cn](http://www.meanwell.com.cn)

### China

SUZHOU MEAN WELL TECHNOLOGY CO., LTD.

No.77, Jian-Ming Rd. Dong-Qiao,  
Pan-Yang Ind. Park, Huang-Dai Town,  
Xiang-Cheng District, Suzhou, Jiang-Su, China

TEL +86-512-6508-8600 FAX +86-512-6508-8700

E-mail [info@meanwell.cc](mailto:info@meanwell.cc)

### U.S.A.

MEAN WELL USA, INC.

44030 Fremont Blvd., Fremont, CA 94538, U.S.A.

TEL +1-510-683-8886 FAX +86-512-683-8899

E-mail [info@meanwellusa.com](mailto:info@meanwellusa.com) Web [www.meanwellusa.com](http://www.meanwellusa.com)

### Europe

MEAN WELL EUROPE B.V.

Spinnerij 73-75, 1185 ZS Amstelveen, the Netherlands

TEL +31-20-345-3795 FAX +31-20-640-3547

E-mail [info@meanwell.eu](mailto:info@meanwell.eu) Web [www.meanwell.eu](http://www.meanwell.eu)