








## ► On Board Type

[ Single Output ]





Series	Wattage	Input (VDC)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/EMC	Warranty (Year)
			3.3V	5V	9V	12V	15V	24V				
NSD05 	5	9.2 ~ 36 18 ~ 72	1200	1000		420	330		ABCEIQTV	1.6"x 1"x 0.327"	CB CE	2
NSD10-S 	10	9.8 ~ 36 22 ~ 72	2500	2000	1100	830	670		ABCEIQTV	2"x 1"x 0.394"	UL US CE	2
NSD15-S 	15	9.4 ~ 36 18 ~ 72	3750	3000		1250	1000		ABCFIQSTV	2"x 1.5"x 0.387"	UL US CE	2
NID30 	30	20 ~ 53 30 ~ 53		2500		2500	2000	1250	ABCJQV	2"x 0.512"x 0.421"		2
NID60 	60	20 ~ 53 30 ~ 53		4000		4000	4000	2500	ABCJQV	2"x 1.024"x 0.421"		2

[ Dual Output ]

Series	Wattage	Input (VDC)	Output Rated Current (mA)			Features	Dimension (LxWxH) (inch)	Safety/EMC	Warranty (Year)
			5V	12V	15V				
NSD10-D 	10	9.8 ~ 36 22 ~ 72	±50 ~ 1000	±20 ~ 420	±16 ~ 330	ABCEIQTV	2"x 1"x 0.394"	UL US 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 US CE	2

## ► Open Frame Type

[ Single Output ]

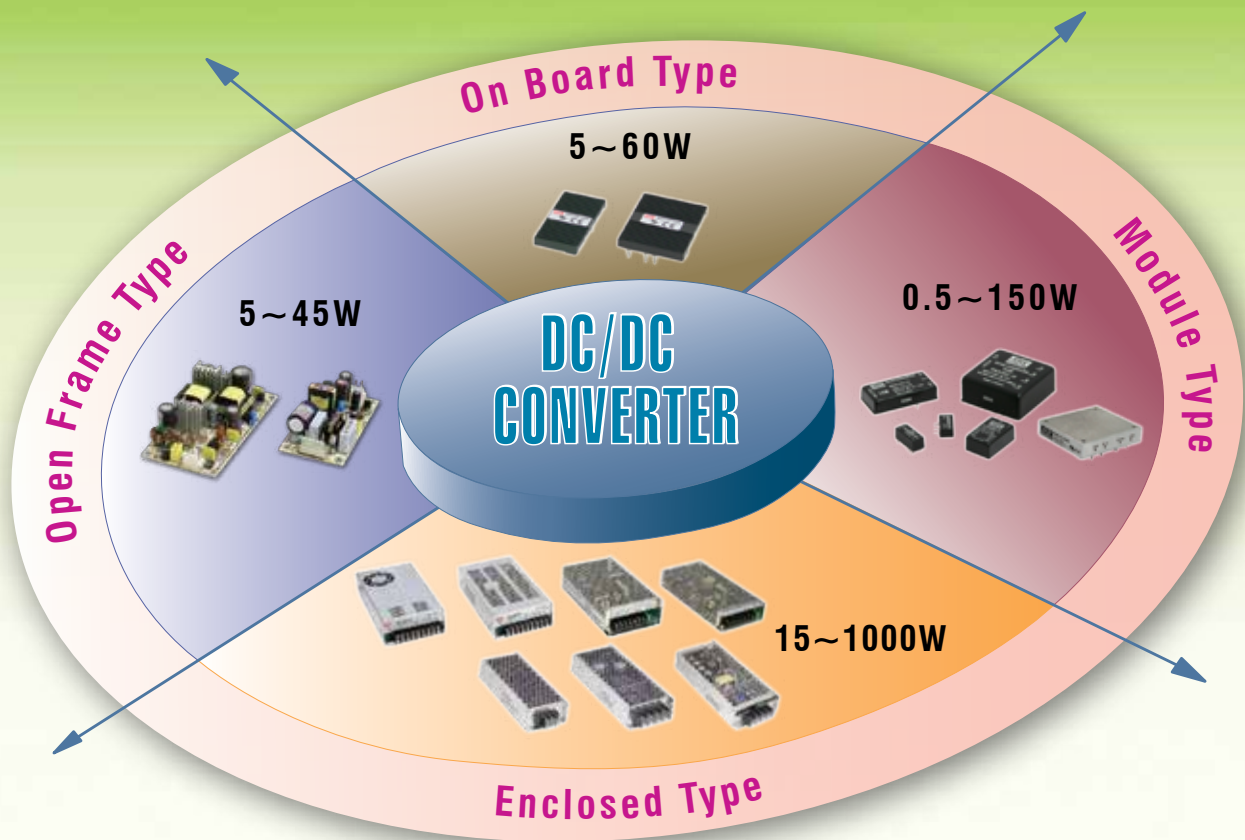
Series	Wattage	Input (VDC)	Output Rated Current (A)			Features	Dimension (LxWxH) (mm)	Safety/EMC	Warranty (Year)
			5V	12V	24V				
PSD-05 	5	36 ~ 72	1	0.45	0.22	ABCDGQT	75x 40x 20	CE	2
PSD-15 	15	9.2 ~ 18 18 ~ 36 36 ~ 72	3	1.25	0.6	ABCDGQT	94x 49x 25	CE	2
PSD-30 	30	9 ~ 18 18 ~ 36 36 ~ 72	5	2.5	1.25	ABCFTQY	101.6x 50.8x 30	CE	2
PSD-45 	45	9.2 ~ 18	6	2.5	1.25	ABCFTQY	127x 76x 30	CB CE	2
		18 ~ 36 36 ~ 72	9	3.75	1.875				

**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 fan

S - Trimming output  
 T - Built-in EMI filter  
 U - Remote sense  
 V - Remote control  
 W - Output OK signal  
 X - 4000VDC I/O isolation  
 Y - Input reverse polarity  
 (□) optional function

## ► Product Range



## ► Advantages of MEAN WELL Product

- Professional design, stable quality, low cost, prompt service
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# DC-DC

c o n v e r t e r



























- ▶ 0.5~150W      Module Type
- ▶ 5~60W        On Board Type
- ▶ 5~45W        Open Frame Type
- ▶ 15~1000W     Enclosed Type

[www.meanwell.com](http://www.meanwell.com)




# Module Type

[ Single Output ]

Series	Wattage	Input (VDC)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/ EMC	Warranty (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		ABEKLNQT	0.89"x 0.39"x 0.33"	CE FC	2
SUS01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4 43.2 ~ 52.8		200	111	84	67		ABEKLNQT	0.89"x 0.39"x 0.33"	CE FC	2
SBT01	 1	4.5 ~ 5.5 10.8 ~ 13.2		200	111	84	67		ABELMNQ	0.50"x 0.30"x 0.24"	UL US	1
SFT01	 1	4.5 ~ 5.5 10.8 ~ 13.2		200		111 X	84	67	ABHLMNQ	0.60"x 0.295"x 0.24"	UL US	1
SPR01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4 43.2 ~ 52.8		200	100	84	67		ABEJLNQT	0.77"x 0.28"x 0.40"	CE FC	2
SMU01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		200	110	84	67		ABF H JLNQT	0.46"x 0.24"x 0.40"	CE FC	2
SMA01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		200	110	84	67		ABF H KLNQT	0.50"x 0.40"x 0.28"	CE FC	2
SPU02	 2	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		400		167	133		ABHJLNQT	0.77"x 0.28"x 0.40"	CE FC	2
SPA02	 2	4.5 ~ 9 9 ~ 18 18 ~ 36 36 ~ 72		400		150 167	120 133		ABE H JNQTV	0.86"x 0.36"x 0.44"	CE FC	2
SPU03	 3	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		600		250	200		ABHJLNQT	0.77"x 0.30"x 0.40"	CE FC	2
SPB03	 3	4.5 ~ 9 9 ~ 18 18 ~ 36 36 ~ 72		600		250	200		ABEJNQTV	0.86"x 0.36"x 0.44"	CE FC	2
SCW03	 3	9 ~ 18 18 ~ 36 36 ~ 72		600		250	200		ABE H IOQT	1.25"x 0.80"x 0.48"	CE FC	2
SCW05	 5	9 ~ 18 18 ~ 36 36 ~ 72		1000	556	470	400		ABE H IOQT	1.25"x 0.80"x 0.48"	CE FC	2
SLW05	 5	9 ~ 18 18 ~ 36 36 ~ 72		1000	556	417	333		ABE H IPQT	2"x 1"x 0.44"	CE FC	2
SPB05	 5	9 ~ 18 18 ~ 36 36 ~ 72		1000		417	333		ABFJNQTV	0.86"x 0.36"x 0.44"	CE FC	2
SCW08	 8	9 ~ 18 18 ~ 36 36 ~ 72		1600		670	533		ABEOQT	1.25"x 0.80"x 0.48"	CE FC	2
SKE10	 10	9 ~ 18 18 ~ 36 36 ~ 72		2000		840	666	420	ABE H IPQT	2"x 1"x 0.44"	CE FC	2
SCW12	 12	9 ~ 18 18 ~ 36 36 ~ 72		2400		1000	800		ABFOQTV	1.25"x 0.80"x 0.48"	CE FC	2
SKM15	 15	9 ~ 18 18 ~ 36 36 ~ 75		3000		1250	1000		ABCFPQSTV	1"x 1"x 0.39"	CE FC	2
SKA15	 15	9 ~ 18 18 ~ 36 36 ~ 72	3000	3000		1250	1000		ABE H IPQT	2"x 1"x 0.44"	CE FC	2
SKE15	 15	9 ~ 18 18 ~ 36 36 ~ 72		3000		1250	1000	625	ABE H IPQT	2"x 2"x 0.43"	CE FC	2
SKA20	 20	9 ~ 18 18 ~ 36 36 ~ 75		4000		1666	1333		ABCFPQSTV	2"x 1"x 0.44"	CE FC	2
SKM30	 30	9 ~ 18 18 ~ 36 36 ~ 75		6000		2500	2000		ABCFPQSTV	2"x 1"x 0.44"	CE FC	2
SDM30	 30	9 ~ 18 18 ~ 36 36 ~ 72	5000	5000		2100 2500	1700 2000		ABCEOQSTV	2"x 2"x 0.63"	CE	2



[ Single Output ]



Series	Wattage	Input (VDC)	Output Rated Current (A)						Features	Dimension (LxWxH) (inch)	Safety/EMC	Warranty (Year)
			3.3V	5V	9V	12V	15V	24V				
SKA40 	40	9 ~ 18 18 ~ 36 36 ~ 75		7		3.33	2.67		ABCFPQSTUV	2"x 2"x 0.43"	CE FC	2
SKM50 	50	18 ~ 36 36 ~ 75		10		4.17	3.33		ABCFPQSTV	2"x 1"x 0.54"	CE FC	2
SKA60 	60	9 ~ 18 18 ~ 36 36 ~ 75		12		5	4		ABCFPQSTUV	2"x 2"x 0.43"	CE FC	2
MHB75 	75	9 ~ 18 18 ~ 36 36 ~ 75		15		6.25		3.13	ABCDFOQSUV	2.28"x 2.4"x 0.5"	UL US CE	3
MHB100 	100	18 ~ 36 36 ~ 75		20		8.3		4.17	ABCDFOQSUV	2.28"x 2.4"x 0.5"	UL US CE	3
MHB150 	150	36 ~ 75		30		12.5		6.25	ABCDFOQSUV	2.28"x 2.4"x 0.5"	UL US CE	3

► Module Type

[ Dual Output ]

Series	Wattage	Input (VDC)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/EMC	Warranty (Year)
			3.3V	5V	9V	12V	15V	24V				
DET01 	1	4.5 ~ 5.5 10.8 ~ 13.2		±100 X	±56 X	±42 X		±33	ABHLMNQ	0.6"x 0.295"x 0.24"	UL US	1
DCW03 	3	9 ~ 18 18 ~ 36 36 ~ 72		±300		±125	±100		ABEHIOQT	1.25"x 0.8"x 0.48"	CE FC	2
DCW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±230	±190		ABEHIOQT	1.25"x 0.8"x 0.48"	CE FC	2
DLW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±208	±167		ABEHIPQT	2"x 1"x 0.44"	CE FC	2
DCW08 	8	9 ~ 18 18 ~ 36 36 ~ 72		±800		±335	±267		ABEOQT	1.25"x 0.8"x 0.48"	CE FC	2
DKE10 	10	9 ~ 18 18 ~ 36 36 ~ 72		±1000		±420	±333	±210	ABEHIPQT	2"x 1"x 0.44"	CE FC	2
DCW12 	12	9 ~ 18 18 ~ 36 36 ~ 72		±1200		±500	±400		ABFOQTV	1.25"x 0.8"x 0.48"	CE FC	2
DKA15 	15	9 ~ 18 18 ~ 36 36 ~ 72		±1500		±625	±500		ABEHIPQT	2"x 1"x 0.44"	CE FC	2
DKE15 	15	9 ~ 18 18 ~ 36 36 ~ 72		±1500		±625	±500	±313	ABEHIPQT	2"x 2"x 0.43"	CE FC	2
DKA30 	30	9 ~ 18 18 ~ 36 36 ~ 72		±2500		±1250	±1000		ABEIPQSTV	2"x 2"x 0.82"	CE FC	2

[ Triple Output ]

Model	Wattage	Input (VDC)	Output Rated Current (mA)						Features	Dimension (LxWxH) (inch)	Safety/EMC	Warranty (Year)
			3.3V	5V	9V	12V	15V	24V				
TKA30-B 	25	9 ~ 18 18 ~ 36 36 ~ 72		3500			±310		ABEIPQTV	2"x 2"x 0.82"	CE FC	2
TKA30-C 	25	9 ~ 18 18 ~ 36 36 ~ 72		3500				±250	ABEIPQTV	2"x 2"x 0.82"	CE FC	2





## ► Enclosed Type

[ Single Output ]

Series	Wattage	Input (VDC)	Output Rated Current (A)				Features	Dimension (LxWxH) (mm)	Safety / EMC	Warranty (Year)
			5V	12V	24V	48V				
SD-15 	15	9.2 ~ 18 18 ~ 36 36 ~ 72	3	1.25	0.625		ABCGQT	78x 51x 28	CE	2
SD-25 	25	9.2 ~ 18 19 ~ 36 36 ~ 72	5	2.1	1.1		ABCFQT	99x 97x 36	CE	2
SD-50 	50	9.2 ~ 18 19 ~ 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	CB CE (D type)	2
SD-150 	150	19 ~ 36 36 ~ 72 72 ~ 144		12.5	6.3		ABCFQT	199x 110x 50	CB CE (D type)	2
SD-200 	200	19 ~ 36 36 ~ 72 72 ~ 144	34 40	16.7	8.4	4.2	ABCDFQT	215x 115x 50	UL <sup>us</sup> (SD-200C-24 only) CB CE (D type)	2
SD-350 	350	19 ~ 36 36 ~ 72 72 ~ 144	57 60	27.5	14.6	7.3	ABCDFRT	215x 115x 50	CB CE (D type)	2
SD-500 	500	19 ~ 72 72 ~ 144		40	21	10.5	ABCDGIR TUVWY	215x 115x 50	CB CE	3
SD-1000 	1000	19 ~ 72 72 ~ 144		60	40	21	ABCDGIR TUVW	295x 127x 41	CB CE	3

## ► Railway

[ Single Output ]

Series	Wattage	Input (VDC)	Output Rated Current (A)				Features	Dimension (LxWxH) (mm)	Safety / EMC	Warranty (Year)
			5V	12V	24V	48V				
RSD-100 	100	14.4 ~ 33.6 28.8 ~ 67.2 57.6 ~ 154	20	8.4	4.2		ABCQXY	161x 68x 36	CE (EN50155)	3
RSD-150 	150	14.4 ~ 33.6 28.8 ~ 67.2 57.6 ~ 154	30	12.5	6.3		ABCDQXY	189x 77x 36	CE (EN50155)	3
RSD-200 	200	14.4 ~ 33.6 28.8 ~ 67.2 57.6 ~ 154		16.7	8.4	4.2	ABCDQXY	191x 86x 40	CE (EN50155)	3
RSD-300 	300	14.4 ~ 33.6 21.6 ~ 50.4 43.2 ~ 100.8 57.6 ~ 154	42	22.5 25	11.3 12.5	5.7 6.3	ABCDQXY	216x 97x 40	CE (EN50155)	3

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