

► 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]

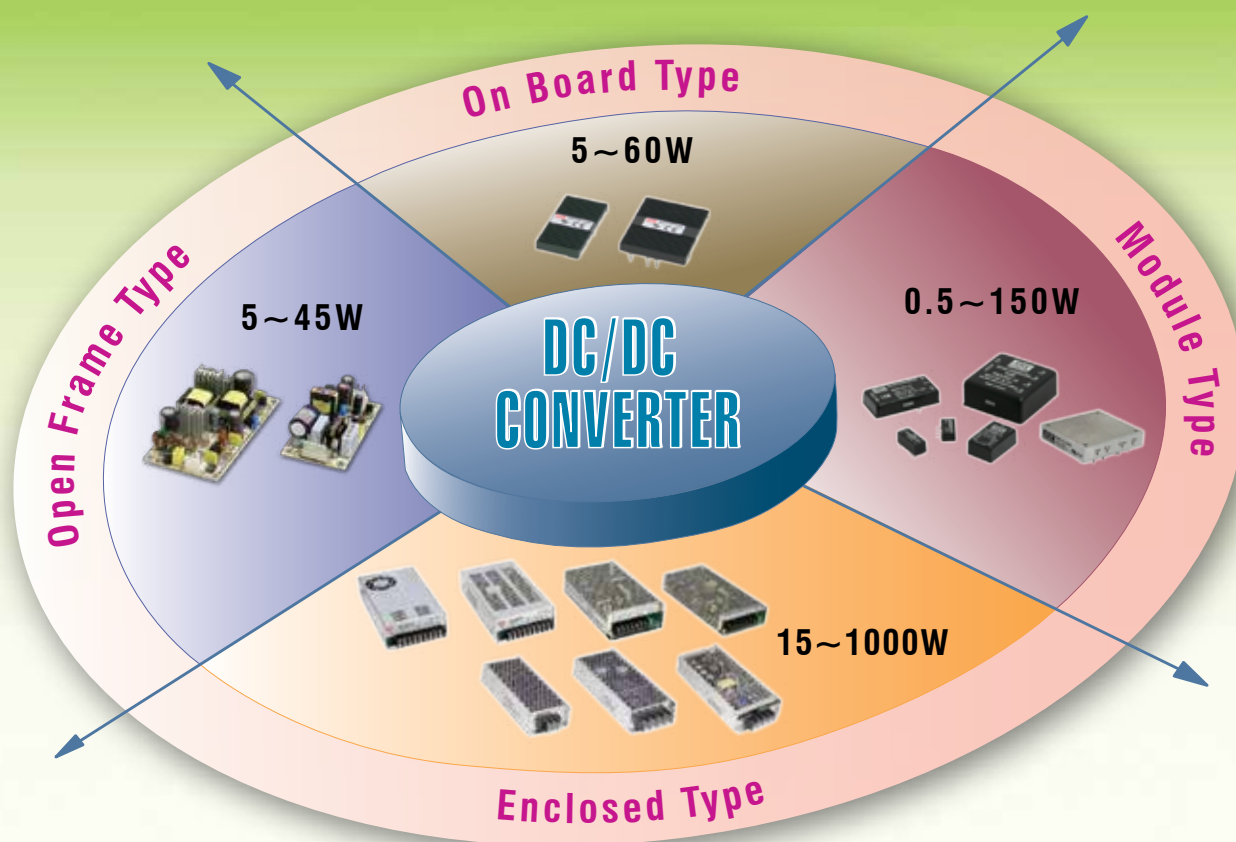
Series	Wattage	Input (VDC)	Output Rated Current (A)			Features	Dimension (LxWxH) (mm)	Safety/EMC	Warranty (Year)
			5V	12V	24V				
PSD-05 	5	36 ~ 72	1	0.45	0.22	ABCDGQT	75x 40x 20	CE	2
PSD-15 	15	9.2 ~ 18 18 ~ 36 36 ~ 72	3	1.25	0.6	ABCDGQT	94x 49x 25	CE	2
PSD-30 	30	9 ~ 18 18 ~ 36 36 ~ 72	5	2.5	1.25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

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DC-DC

converter



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

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		ABEKLNQ	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		ABEKLNQ	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	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	1
SPR01	1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4 43.2 ~ 52.8		200	100	84	67		ABEJLNQ	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 JLNQ	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 KLNQ	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		ABHJLNQ	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		ABHJLNQ	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		ABEQ	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 CE	3
MHB100 	100	18 ~ 36 36 ~ 75		20		8.3		4.17	ABCDFOQSUV	2.28"x 2.4"x 0.5"	UL CE	3
MHB150 	150	36 ~ 75		30		12.5		6.25	ABCDFOQSUV	2.28"x 2.4"x 0.5"	UL 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	1
DCW03 	3	9 ~ 18 18 ~ 36 36 ~ 72		±300		±125	±100		ABEHIQQT	1.25"x 0.8"x 0.48"	CE FC	2
DCW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±230	±190		ABEHIQQT	1.25"x 0.8"x 0.48"	CE FC	2
DLW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±208	±167		ABEHIPTQT	2"x 1"x 0.44"	CE FC	2
DCW08 	8	9 ~ 18 18 ~ 36 36 ~ 72		±800		±335	±267		ABEQQT	1.25"x 0.8"x 0.48"	CE FC	2
DKE10 	10	9 ~ 18 18 ~ 36 36 ~ 72		±1000		±420	±333	±210	ABEHIPTQT	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		ABEHIPTQT	2"x 1"x 0.44"	CE FC	2
DKE15 	15	9 ~ 18 18 ~ 36 36 ~ 72		±1500		±625	±500	±313	ABEHIPTQT	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 (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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