



PEWATRON
a member of the Angst + Pfister Group

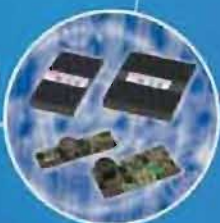
DC-DC

c o n v e r t e r

0.5W-40W Module Type



5W-60W On Board Type



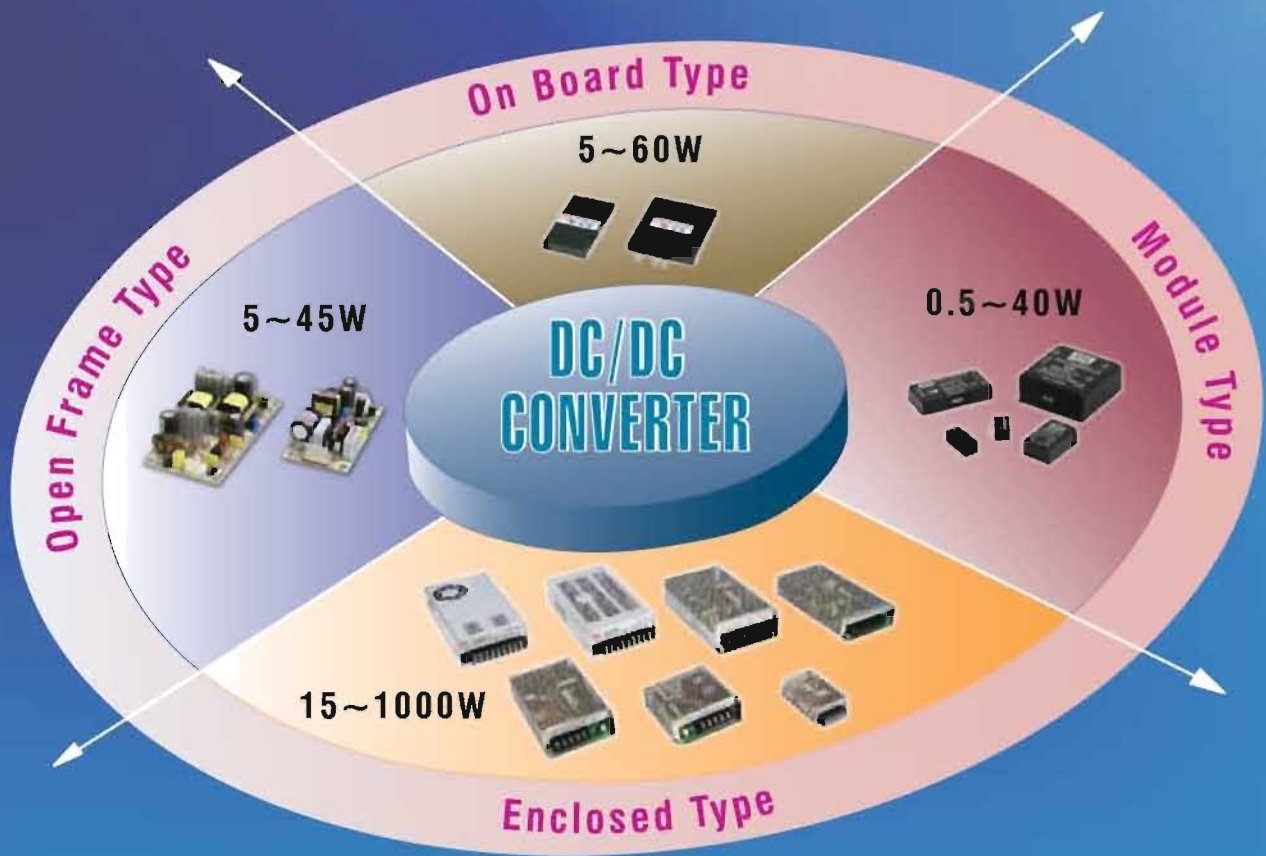
5W-45W Open Frame Type



15W-1000W Enclosed Type



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:

Switzerland

























































PEWATRON AG
Thurgauerstrasse 66
CH-8052 Zurich
Phone + 41 44 877 35 00
Fax + 41 44 877 35 25
info@pewatron.com
www.pewatron.com

Germany

PEWATRON AG
Neumarkter Str. 86a
D-81673 Munich
Phone + 49 89 260 38 47
Fax + 49 89 43 10 91 91
infode@pewatron.com
www.pewatron.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"		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"		2
SBT01	 1	4.5 ~ 5.5 10.8 ~ 13.2		200	111	84	67		ABELMNQ	0.50"x 0.30"x 0.24"		1
SFT01	 1	4.5 ~ 5.5 10.8 ~ 13.2		200	111	84	67		ABHLMNQ	0.60"x 0.30"x 0.24"		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"	 	2
SMU01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		200	110	84	67		ABFHJLNQT	0.46"x 0.24"x 0.40"	 	2
SMA01	 1	4.5 ~ 5.5 10.8 ~ 13.2 21.6 ~ 26.4		200	110	84	67		ABFHJLNQT	0.50"x 0.40"x 0.28"	 	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"	 	2
SPA02	 2	4.5 ~ 9 9 ~ 18 18 ~ 36 36 ~ 72		400		150 167	120 133		ABEHIJLNQTV	0.86"x 0.36"x 0.44"	 	2
SPB03	 3	4.5 ~ 9 9 ~ 18 18 ~ 36 36 ~ 72		600		250	200		ABEJNQTV	0.86"x 0.36"x 0.44"	 	2
SCW03	 3	9 ~ 18 18 ~ 36 36 ~ 72		600		250	200		ABEHIJNQTV	1.25"x 0.80"x 0.48"	 	2
SCW05	 5	9 ~ 18 18 ~ 36 36 ~ 72		1000	556	470	400		ABEHIJNQTV	1.25"x 0.80"x 0.48"	 	2
SLW05	 5	9 ~ 18 18 ~ 36 36 ~ 72		1000	556	417	333		ABEHIJPQT	2"x 1"x 0.44"	 	2
SCW08	 8	9 ~ 18 18 ~ 36 36 ~ 72		1600		670	533		ABEQQT	1.25"x 0.80"x 0.48"	 	2
SKE10	 10	9 ~ 18 18 ~ 36 36 ~ 72		2000		840	666	420	ABEHIPQT	2"x 1"x 0.44"	 	2
SCW12	 12	9 ~ 18 18 ~ 36 36 ~ 72		2400		1000	800		ABFOQTV	1.25"x 0.80"x 0.48"	 	2
SKM15	 15	9 ~ 18 18 ~ 36 36 ~ 75		3000		1250	1000		ABCFPQSTV	1"x 1"x 0.39"	 	2
SKA15	 15	9 ~ 18 18 ~ 36 36 ~ 72	3000	3000		1250	1000		ABEHIJPQT	2"x 1"x 0.44"	 	2
SKE15	 15	9 ~ 18 18 ~ 36 36 ~ 72		3000		1250	1000	625	ABEHIJPQT	2"x 2"x 0.43"	 	2
SDM30	 30	9 ~ 18 18 ~ 36 36 ~ 72	5000	5000		2100 2500	1700 2000		ABCEOQSTV	2"x 2"x 0.63"		2
SKA40	 40	9 ~ 18 18 ~ 36 36 ~ 75		7000		3330	2670		ABCFPQSTUV	2"x 2"x 0.43"	 	2

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	±56	±42	±33		ABHLMNQ	0.6"x0.295"x0.24"		1
DCW03 	3	9 ~ 18 18 ~ 36 36 ~ 72		±300		±125	±100		ABEHIQQT	1.25"x0.8"x0.48"		2
DCW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±230	±190		ABEHIQQT	1.25"x0.8"x0.48"		2
DLW05 	5	9 ~ 18 18 ~ 36 36 ~ 72		±500		±208	±167		ABEHI PQT	2"x1"x0.44"		2
DCW08 	8	9 ~ 18 18 ~ 36 36 ~ 72		±800		±335	±267		ABEQQT	1.25"x0.8"x0.48"		2
DKE10 	10	9 ~ 18 18 ~ 36 36 ~ 72		±1000		±420	±333	±210	ABEHI PQT	2"x1"x0.44"		2
DCW12 	12	9 ~ 18 18 ~ 36 36 ~ 72		±1200		±500	±400		ABFOQTV	1.25"x0.8"x0.48"		2
DKA15 	15	9 ~ 18 18 ~ 36 36 ~ 72		±1500		±625	±500		ABEHI PQT	2"x1"x0.44"		2
DKE15 	15	9 ~ 18 18 ~ 36 36 ~ 72		±1500		±625	±500	±313	ABEHI PQT	2"x2"x0.43"		2
DKA30 	30	9 ~ 18 18 ~ 36 36 ~ 72		±2500		±1250	±1000		ABEIPQSTV	2"x2"x0.82"		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"x2"x0.82"		2
TKA30-C 	25	9 ~ 18 18 ~ 36 36 ~ 72		3500				±250	ABEIPQTV	2"x2"x0.82"		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	34	16.7	8.4	4.2	ABCDFQT	215x 115x 50	CB CE (D type)	2
		36 ~ 72 72 ~ 144	40							
SD-350 	350	19 ~ 36	57	27.5	14.6	7.3	ABCDFRT	215x 115x 50	CB CE (D type)	2
		36 ~ 72 72 ~ 144	60							
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	16.8 ~ 31.2 33.6 ~ 62.4 67.2 ~ 143	20	8.4	4.2		ABCQXY	161x 68x 36	CE (EN50155)	3

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 18 ~ 36 36 ~ 72	6 9	2.5 3.75	1.25 1.875	ABCFTQY	127x 76x 30	CB 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 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