

DC ~ DC CONVERTERS

Industrial Applications

Industrial Converters

NEW
now available in 15 Watts

SD-15 Series
15 Watts



SD-25 Series
25 Watts Output Power



SD-50 Series
50 Watts Output Power



SD-150 Series
150 Watts Output Power



SD-200 Series
200 Watts Output Power



SD-350 Series
350 Watts Output Power

Step-Up Converters

12VDC ~ 24 VDC



Step 7 & Step 10
7 or 10 Amp Output Power



VTC120-12-24
5 Amps Output Power



VTC305-12-24
*12-27 Amps Output Power



VTC605-12-24
*20-45 Amps Output Power

* Amperage dependant on input voltage.
Input voltage range 10.5 VDC~ 28 VDC

see back for complete specifications

DC~DC CONVERTERS - INDUSTRIAL

Industrial Style Converters - Single Output

	<u>SD-15 Series</u> 15 Watts	<u>SD-25 Series</u> 25 Watts	<u>SD-50Series</u> 50 Watts	<u>SD-150 Series</u> 150 Watts	<u>SD-200 Series</u> 200 Watts	<u>SD-350 Series</u> 350 Watts
INPUT VOLTAGE						
A series (12 VDC Nominal)	9.2 ~ 18 VDC	9.2 ~ 18 VDC	9.2 ~ 18 VDC	n/a	n/a	n/a
B Series (24 VDC Nominal)	19 ~ 36 VDC	19 ~ 36 VDC	19 ~ 36 VDC	19 ~ 36 VDC	19 ~ 36 VDC	19 ~ 36 VDC
C Series (48 VDC Nominal)	36 ~ 72 VDC	36 ~ 72 VDC	36 ~ 72 VDC	36 ~ 72 VDC	36 ~ 72 VDC	36 ~ 72 VDC
D Series (72 VDC Nominal)	n/a	n/a	n/a	72 ~ 144 VDC	72 ~ 144 VDC	72 ~ 144 VDC
OUTPUT CURRENTS AVAILABLE						
5 VDC	3 Amps	5 Amps	10 Amps	n/a	34 Amps	57 Amps
12 VDC	1.25 Amps	2.1 Amps	4.2 Amps	12.5 Amps	16.7 Amps	27.5 Amps
24 VDC	.625 Amps	1.1 Amps	2.2 Amps	6.3 Amps	8.4 Amps	14.6 Amps
48VDC	n/a	n/a	n/a	n/a	4.2 Amps	7.3 Amps
COOLING	Convection	Convection	Convection	Convection	Convection	Built-in DC Fan
PROTECTIONS						
Short Circuit	Yes	Yes	Yes	Yes	Yes	Yes
Over Load	Yes	Yes	Yes	Yes	Yes	Yes
Over Voltage	Yes	Yes	Yes	Yes	Yes	Yes
Over Temperature	No	No	No	No	Yes	Yes
DIMENSIONS - inches	3.1" x 2" x 1.1"	3.8" x 3.8" x 1.4"	6.3" x 3.8" x 1.4"	7.8" x 4.3" x 2"	8.5" x 4.5" x 2"	8.5" x 4.5" x 2"
WEIGHT - pounds	.4 lb	.8 lb	1 lb	1.9 lbs	2.4 lbs	2.4 lbs
WARRANTY	1 Years	1 Years	1 Years	1 Years	2 Years	2 Years

Step-Up Converters

	<u>Step 7</u>	<u>Step 10</u>	<u>VTC120-12-24</u>	<u>VTC305-12-24</u>	<u>VTC605-12-24</u>
INPUT VOLTAGE	9 ~ 18 VDC	9 ~ 18 VDC	11 ~ 15 VDC	10.5 ~ 28 VDC	10.5 ~ 28 VDC
OUTPUT VOLTAGE	24 VDC	24 VDC	24 VDC	24 ~ 27.5 VDC	24 ~ 27.5 VDC
OUTPUT CURRENT	7 Amps	10 Amps	5 Amps	* 12 - 27A	** 20 - 45A
COOLING	Convection	Convection	Convection	Convection	Convection
PROTECTIONS					
Short Circuit	Yes	Yes	Yes	Yes	Yes
Current Limited	Yes	Yes	No	Yes	Yes
Low Input Voltage	No	No	No	Yes	Yes
Low Output Voltage	No	No	No	Yes	Yes
Reverse Input Protection	No	No	Yes	Yes	Yes
Over Temp. Shutdown	No	No	No	Yes	Yes
DIMENSIONS - inches	1.9" x 3.5" x 3.9"	1.9" x 3.5" x 5"	7.9" x 6" x 2.4"	9.1" x 7.8" x 2.5"	9.1" x 7.8" x 4.3"
WEIGHT - pounds	.66 lbs	.88 lbs	2.5 lbs	4 lbs	6 lbs
WARRANTY	2 Years	2 years	3 Years	3 Years	3 Years

Amperage for VTC305 and VTC605 is dependant upon input and output

VTC 305-12-24 * Output Amps= Input Volts / Output Volts x 27

VTC605-12-24 **Output Amps= Input Volts / Output Volts x 45

Marine . Automotive . RV . Solar / Alternative Power Systems
 Electrical Utilities and Substations . Telecommunications . Industrial Controls (OEM)
 Security Systems . Oil & Gas